

HANDBOUND
AT THE



UNIVERSITY OF
TORONTO PRESS



Digitized by the Internet Archive
in 2007 with funding from
Microsoft Corporation

16074

3905-J



GENERAL INDEX TO THE FIRST TWENTY VOLUMES
OF THE
GEOGRAPHICAL JOURNAL.

GENERAL INDEX
TO THE
FIRST TWENTY VOLUMES
OF THE
GEOGRAPHICAL JOURNAL,
1893—1902.,



COMPILED BY ORDER OF THE COUNCIL.

84416
25/10/07

LONDON:
THE ROYAL GEOGRAPHICAL SOCIETY, 1, SAVILE ROW;
EDWARD STANFORD, 12, 13, AND 14, LONG ACRE, W.C.
1906.

GENERAL INDEX

TO THE

FIRST TWENTY VOLUMES

OF THE

GEOGRAPHICAL JOURNAL

G

7

G 45

Index

V. 1-20

PRINTED BY
WILLIAM CLOWES AND SONS, LIMITED,
LONDON AND BECCLES.



84416
10/10/25

RECEIVED BY ORDER OF THE SOCIETY

THE

THE ROYAL GEOGRAPHICAL SOCIETY

RECEIVED BY ORDER OF THE SOCIETY

1925

PREFATORY NOTE.

THIS Index is reconstructed and edited from the current indices to the half-yearly volumes, I.-XX., of the *Geographical Journal*.

Entries, textual and bibliographical, are generally classified under (a) topographical names, (b) surnames of authors, travellers, etc. Books are sometimes indexed separately under their titles.

Entries under terms, concrete or abstract, are avoided as far as possible, except where a term (*e.g.* Cartography; Geography; Oceanography; Mountains; Rivers; Education; Trade) naturally carries under it a large number of entries in a geographical connection.

Books are alphabetized simply by their titles, omitting "A," "The," or their foreign equivalents. Book-titles are abbreviated where necessary.

Topographical entries are decentralized as far as possible, *e.g.* under the name of a country there appear only entries referring to that country generally, or parts of it indefinable under one geographical name. Any one of its political divisions, towns, physical features, etc., as considered by itself, is indexed separately.

In the case of a large entry (*e.g.* under a country), material is classified according to subjects only where feasible; for the rest, entries are simply alphabetized, as to index wholly by subjects was found to be inexpedient.

The following signs are employed :—

* following a reference-number signifies a paper or long article, to be consulted for general information, etc.

† signifies a bibliographical entry in "Geographical Literature of the Month," either following a reference-number or preceding a series of numbers.

§ signifies a review or analysis.

An entry without distinguishing sign signifies a short article or note, or refers to information contained in a longer article.

Every effort has been made to group together all references to one and the same subject. As, however, such references are liable to be scattered under various topographical headings (*e.g.* one and the same expedition may be referred to under North Africa, Algeria, Sahara, etc.), it is recommended that when any reference has been found under a topographical heading, further references be searched for under the *personal* name, if such occurs in the entry.

The index has been compiled by Mr. O. J. R. Howarth, M.A., under the supervision of the Librarian, Mr. E. Heawood, M.A.

CONTENTS.



	PAGE
INDEX TO PAPERS	ix
INDEX TO MAPS	xxi
GENERAL INDEX	1

INDEX TO THE PAPERS IN THE GEOGRAPHICAL JOURNAL, VOLS. I.-XX., 1893-1902.

(N.B.—*The arrangement in this and the following list is topographical and chronological.*)

EUROPE.

United Kingdom—

The Sandgate Landslip: W. Topley, I. 339

The Manchester Ship Canal: H. Y. Oldham (with map), III. 485

A Survey of the English Lakes: H. R. Mill, IV. 237

Physical Conditions of the Clyde Sea Area: H. R. Mill, IV. 344

The Development of Certain English Rivers (with diagrams): W. M. Davis, V. 127

Proposed geographical description of the British Islands based on the Ordnance Survey, H. R. Mill, VII. 345

The Waterways of English Lakeland: J. E. Marr (with diagrams and illustrations), VII. 602

Bathymetrical Survey of the English Lakes: H. R. Mill (with maps and illustrations), VI. 46, 135

On the distribution of Towns and Villages in England: G. G. Chisholm, IX. 76; X. 511

Dungeness Foreland: F. P. Gulliver (with diagrams), IX. 536

British Caves and Speleology: E. A. Martel (with illustrations), X. 500

A Map of St. Kilda: J. N. Heathcote (with map), XV. 142

A Fragment of the Geography of England. South-West Sussex: H. R. Mill (with maps and illustrations), XV. 205, 353

A Bathymetrical Survey of the Fresh-water Lochs of Scotland: Sir J. Murray and F. P. Pullar (with maps and illustrations), XV. 309; XVII. 273

Twelve Years' Work of the Ordnance Survey, 1887 to 1899: Col. Sir J. Farquharson (with sketch-maps), XV. 565

Geographical Conditions affecting British Trade: G. G. Chisholm, XVIII. 424

Cinematographing the Severn Bore: V. Cornish (with plate), XIX. 52

EUROPE

North Sea—

The Movements of the Surface Waters of the North Sea: H. N. Dickson (with sketch-maps), VII. 255

Holland—

The Reclamation of the Zuiderzee: Prof. P. H. Schoute, I. 234

Spain and Portugal—

The geography and social conditions of the Iberian Peninsula: Prof. T. Fischer, I. 347

Western Europe—

On the sub-oceanic Physical Features off the Coast of Western Europe, including France, Spain, and Portugal: Prof. E. Hull (with map), XIII. 285

Norway—

The Dæmme Vand, or Rembesdal Glacier-lake, Norway: Capt. A. F. Mockler-Ferryman (with illustrations), IV. 524

Færoe Islands—

The Færoes: K. Grossmann (with map and illustrations), VII. 1.

Iceland—

Dr. Thoroddsen's Explorations in Iceland (map), II. 154

Across Iceland: K. Grossmann (with map and illustrations), III. 261

Explorations in Iceland during the years 1881-1898: Dr. Th. Thoroddsen (with map and illustrations), XIII. 251, 480

Alps—

The Glacial Land-forms of the Margins of the Alps: H. R. Mill, V. 68

Italy—

The Phlegræan Fields: R. T. Günther (with maps and illustrations), X. 412, 477

Montenegro—

Montenegro and its Borderlands: W. H. Cozens-Hardy (with map and illustrations), IV. 385

Balkan Peninsula—

Dr. J. Cvijić's Researches in Macedonia and Southern Albania (with maps), XVI. 215

Prof. Cvijić on the structure of the Balkan Peninsula: Dr. K. Peucker (with sketch-map), XIX. 735

EUROPE

Russia—

The Population of Russia: P. Kropotkin, X. 196

Kolgueff Island (with maps): A. Trevor-Battye, V. 97

Black Sea—

Exploration of the Black Sea: N. Andrusoff, I. 49

ASIA.

Siberia—

Baron Toll's Expedition to Arctic Siberia and the New Siberian Islands: III. 409

The Great Siberian Railway (with map): P. Kropotkin, V. 146

A Visit to Karaginski Island, Kamchatka: G. E. H. Barrett-Hamilton and H. O. Jones (with map and illustration), XII. 280

Russian Central Asia—

The Old Beds of the Amu-Daria: P. Kropotkin, XII. 306

Travels in Bokhara: W. R. Rickmers (with map, diagrams and illustrations), XIV. 596

Turkey in Asia—

Kurdistan (with map): Capt. F. R. Maunsell, III. 81

Across Southern Bashan (with map and illustrations): G. R. Lees, V. 1

The Sources of the Euphrates: W. F. Ainsworth (with map), VI. 173

A Journey in the Valley of the Upper Euphrates: V. W. Yorke (with map and illustrations), VIII. 317, 453

Researches in Karia: W. R. Paton and J. L. Myres (with map and illustrations), IX. 38

The Mesopotamian Petroleum Field: Capt. F. R. Maunsell (with map), IX. 528

Explorations in Mysia: J. A. R. Munro and H. M. Anthony (with map and illustrations), IX. 150, 256

Contributions to the Geography of Lake Urmi and its Neighbourhood: R. T. Günther (with map and illustrations), XIV. 504

Central Kurdistan: Maj. F. R. Maunsell (with map and illustrations), XVIII. 121

Through the Great Cañon of the Euphrates River: E. Huntington (with map and illustrations), XX. 175

The geographical conditions determining History and Religion in Asia Minor: Prof. W. M. Ramsay (with map), XX. 257

To the Jof and back: Rev. A. Forder (with illustrations), XX. 619

Arabia and Sokotra—

A Journey in Hadramut: L. Hirsch (with sketch-map), III. 196

ASIA

Arabia and Sokotra—*continued.*

Expedition to the Hadramut: J. T. Bent (with map and illustrations), IV. 315

Exploration of the Frankincense Country, Southern Arabia: J. T. Bent (map and illustrations), VI. 109

Journal of an Excursion in Omaa, in South-East Arabia: Col. S. B. Miles (with map), VII. 522

Exploration in the Yafei and Fadhli Countries: Mrs. T. Bent (with map and illustrations), XII. 41

Across the Green Mountains of Oman: Col. S. B. Miles (with sketch-map), XVIII. 465

Three journeys in Northern Oman: Rev. S. M. Zwemer (with sketch-map and illustrations), XIX. 54

The English Expedition to Sokotra: Dr. H. O. Forbes, XIII. 633

The Austrian Expedition to Southern Arabia and Sokotra, XIII. 638

Persian Gulf—

Ancient Trading Centres of the Persian Gulf: Capt. A. W. Stiffe (with illustrations), VI. 166; VII. 644; IX. 309; X. 608; XIII. 294; XVI. 211; XVIII. 291

Persian Gulf Notes: Capt. A. W. Stiffe (with illustrations), XII. 179

Persia, Afghanistan, etc.—

Ascent of Mount Demavend: E. G. Duff, I. 149

The Bakhtiari Mountains and Upper Elam: Lieut.-Col. H. A. Sawyer (with map and illustrations), IV. 481

A Journey in Persian Kurdistan: W. B. Harris (with map), VI. 453

Journeys in Persia (1890-1891): Capt. H. B. Vaughan (with map), VII. 24, 163

From Teheran towards the Caspian: Lieut.-Col. H. L. Wells, VIII. 501

Recent journeys in Persia: Capt. P. Molesworth Sykes (with map and illustrations), X. 568

A Fourth journey in Persia, 1897-1901: Maj. P. Molesworth Sykes (with maps and illustrations), XIX. 121

Notes on Ancient and Mediæval Makran: Col. [Sir] T. H. Holdich (with map), VII. 387

The Southern Borderlands of Afghanistan: A. H. McMahon (with map and illustrations), IX. 392

The Perso-Baluch Boundary: Col. [Sir] T. H. Holdich, IX. 416

An Orographic Map of Afghanistan and Baluchistan: Col. Sir T. H. Holdich (with map), XVI. 527

A journey from Quetta to Meshed *via* the Nushki-Sistan Trade-route:—I. By the Earl of Ronaldshay; II. By E. Penton (with map and illustrations), XX. 70, 80

ASIA

India and Himalayas—

- Chitral: I. 51
 The Crossing of the Hispar Pass: W. M. Conway, I. 131
 Chilas: Gen. Sir M. A. S. Biddulph, I. 342
 Exploration in the Mustagh Mountains: W. M. Conway, II. 289
 The Evolution of Indian Geography: R. D. Oldham (with sketch-maps and illustrations), III. 169
 The Census of India: C. E. D. Black, III. 216
 The Landship at Gohna, in British Garwhal (with map and diagrams), IV. 162
 Kafiristan: G. S. Robertson (with map), IV. 193
 Chitral, Hunza, and the Hindu Kush (map and illustrations): [Sir] F. E. Younghusband, V. 409
 The Indian Surveys, 1893-94: C. E. D. Black, VI. 27
 The origin of the Kafir of the Hindu Kush: Col. [Sir] T. H. Holdich, VII. 42
 Tirah: Col. Sir T. H. Holdich (with map and illustrations), XII. 337
 The Environs and Native Names of Mount Everest: Major L. A. Waddell (with diagram), XII. 564
 The Geography of the North-West Frontier of India: Col. Sir T. H. Holdich, XVII. 461
 The formation of the Maldives: J. Stanley Gardiner (sketch-maps and illustrations), XIX. 277
 The Glaciers of Kangchenjunga: D. W. Freshfield (plates), XIX. 453
 Prof. Agassiz, Expedition to the Maldives, XIX. 480
 Notes on a map of "The Glaciers of Kangchenjunga," with remarks on some of the physical features of the district: Prof. E. J. Garwood (with maps and plate), XX. 13

Pamirs, Tibet, E. Turkestan—

- A journey across Tibet: Capt. H. Bower, I. 385
 The Pevtsoff Expedition and M. Bogdanovitch's Surveys: E. D. Morgan, II. 55
 Journeys in the Pamirs and Central Asia (with map): Earl of Dunmore, II. 385
 A Journey in Mongolia and Tibet: W. W. Rockhill (with map), III. 357
 A Journey across Central Asia: St. G. R. Littledale (with map and illustrations), III. 445
 Note on the R.G.S. Map of Tibet: Gen. J. T. Walker (with map), IV. 52
 A Trip to Turkestan: Capt. H. Bower, V. 240
 The Falls of the Tsang-po (San-pu), and Identity of that River with the

ASIA

Pamirs, Tibet, E. Turkestan—*continued.*

- Brahmaputra (illustration): Maj. I. A. Waddell, V. 258
 Attempts to ascend Mustagh-Ata: Dr. Sven Hedin (illustrations), VI. 350
 A journey across Tibet, from North to South: St. G. R. Littledale (with maps and illustrations), VII. 453
 The Pamirs and the Source of the Oxus: Curzon [Lord Curzon] (with map and illustrations), VIII. 15, 97, 239
 The Central Asian Expedition of Captain Roborovsky and Lieut. Kozloff (with maps), VIII. 161
 A Journey through the Takla-Makan Desert, Chinese Turkestan: Dr. Sven Hedin (with diagrams), VIII. 264, 356
 Russian Expeditions in Tibet, IX. 546
 Four Years' Travel in Central Asia: Dr. Sven Hedin (with map and illustrations), XI. 240, 397
 The Lob Nor Controversy (with maps), XI. 652
 Through Tibet to China: Captain M. S. Wellby (with map), XII. 262
 The Proceedings of the Pamir Boundary Commission (with map), XIII. 50
 A journey to Northern Tibet and Aksai Chin: Captain H. H. P. Deasy, XIII. 155
 Exploration in Sarikol: H. H. P. Deasy, XIII. 628
 Journey to the lakes Rakas-Tal and Manasarowar, in Western Tibet, undertaken in September, 1848: Gen. Sir R. Strachey (with map and illustrations), XV. 150, 243, 394
 Journeys in Central Asia: Captain H. H. P. Deasy (with map and illustrations), XVI. 141, 501
 On the Afghan Frontier: A reconnaissance in Shugnan, XVI. 666
 Note on Topographical Work in Chinese Turkestan: Dr. M. A. Stein, XVII. 409
 Lhasa: Col. Sir T. H. Holdich (with illustrations), XVIII. 602
 The Russian Tibet Expedition, 1899-1901: Captain P. K. Kozloff (with sketch-map and illustrations), XIX. 576
 Summary of the results of Dr. Sven Hedin's latest journey in Central Asia (1899-1902): Dr. S. Hedin (with sketch-map, illustrations, and diagram), XX. 307
 A journey of geographical and archaeological exploration in Chinese Turkestan: Dr. M. A. Stein (with map and illustrations), XX. 575
- Eastern Asia—**
 China, Japan, and Korea: Baron F. v. Richthofen, IV. 556
 The Island of Sakhalin: Prof. v. Krasnow, VII. 422

ASIA

Japan—

- The Great Earthquake in Japan (with sketch-map), III. 213
 The Early Cartography of Japan: G. Collingridge (facsimiles), III. 403
 The Luchu Islands and their Inhabitants (map and illustrations): B. H. Chamberlain, V. 289, 446, 534
 Exploration in the Japanese Alps, 1891–1894: Rev. W. Weston (with map and illustrations), VII. 125
 The Great Sea-Waves in Japan: Prof. J. Milne (with map), VIII. 157
 On the distribution of earthquakes in Japan: C. Davison (with map and diagrams), X. 530
 The great Japanese earthquake of October 28, 1891: C. Davison (with illustrations), XVII. 635

Manchuria and Mongolia—

- Journey through Central Manchuria: Rev. J. A. Wylie, II. 443
 Our Commercial Relations with Chinese Manchuria: A. R. Agassiz, IV. 534
 Notes of a Journey in Northern Mongolia in 1893: A. A. Borradale (with note by N. Elias (and illustrations), V. 562
 M. Obrucheff's Explorations in Mongolia, V. 260
 Russian Explorations in Manchuria: P. Kropotkin, XI. 63
 A Journey through the Khingan Mountains: A. Donaldson Smith (with map and illustrations), XI. 498
 Through the Hun Kiang Gorges; or, Notes of a Tour in "No Man's Land," Manchuria: R. T. Turley (with map), XIV. 292

China—

- A Journey in Western Sze-Chuan: Mrs. J. Bishop (with map and illustrations), X. 19
 The New Rapid on the Yang-tse: F. S. A. Bourne (with sketch-map), X. 191
 The Yangtse-Chiang: W. R. Carles (with map), XII. 225
 The Resources and Means of Communication of China: G. G. Chisholm (with map and sections), XII. 500
 Recent Journey from Shanghai to Bhamo through Hunan: Captain A. M. S. Wingate (with sketch-map), XIV. 639
 A Journey through South-West Sechuan: E. Amundsen (with sketch-map), XV. 620; XVI. 531
 The Crux of the Upper Yangtse: A. Little (with illustrations), XVIII. 498
 From Shanghai to Bhamo: Dr. R. L. Jack (with map and illustrations), XIX. 249
 From the Yang-tse Kiang to the China Sea: W. Barclay Parsons (with map and illustrations), XIX. 711

AFRICA

Indo-China and Malay Pen.—

- Journeys in French Indo-China (Tongking, Annam, Cochin China, Cambodia): Lord Curzon (map and illustrations), II. 97, 193
 Johore: H. Lake (with map), III. 281
 On the River Telubin: H. Louis (with map), IV. 219
 Notes on a Journey to some of the South-Western Provinces of Siam: H. Warington Smyth (with map and illustrations), VI. 401, 522
 From Yun-nan to British India: Prince Henry of Orleans (map), VII. 300
 The Country of the Shans: Col. R. G. Woodthorpe (with map and illustrations), VII. 577
 Journey round Siam: J. S. Black (with map and illustrations), VIII. 429
 A Journey from Tonkin to Tali-fu to Assam: Prince H. d'Orléans (with map), VIII. 566
 A Journey through the Malay States of Trengganu and Kelantan: H. Clifford (with map and illustrations), IX. 1
 Journeys in the Siamese East Coast States: H. Warington Smyth (with map and illustrations), XI. 465
 A Trip to the Chinese Shan States: F. W. Carey (with map and illustrations), XIV. 378
 Journeys in the Chinese Shan States: F. W. Carey (with map and illustrations), XV. 486

Malay Archipelago—

- A Journey up the Baram River to Mt. Dulit and the Highlands of Borneo: C. Hose, I. 193
 The Cambridge Anthropological Expedition to Torres Straits and Sarawak, XIV. 302
 A description of Christmas Island (Indian Ocean): C. W. Andrews (with map, sections, and illustrations), XIII. 17
 In the Heart of Borneo: C. Hose (with map and illustrations), XVI. 39
 The Dutch *Siboga* Expedition to the Malay Archipelago (with map), XVI. 549

AFRICA.

General—

- Treaty-making in Africa: Capt. F. D. Lugard, I. 53
 The Recent Territorial Arrangements in Africa: E. G. Ravenstein (with maps), IV. 54
 Railways in Africa: Major L. Darwin (with map), VIII. 488
 Through Africa from the Cape to Cairo: E. S. Grogan (with map and illustrations), XVI. 164
 How are we to get Maps of Africa? Col. Sir T. H. Holdich (with map), XVIII. 590

AFRICA

Morocco—

A Journey to Tafilet (with map): W. B. Harris, V. 319

The Nomadic Berbers of Central Morocco: W. B. Harris (with sketch-maps), IX. 638

The Roman Roads of Morocco: W. B. Harris (with sketch-map), X. 300

Journey to Morocco City: Capt. P. H. Fawcett (with sketch-map), XIX. 189

Algeria, Tunis, Tripoli, Sahara—

A Journey through the Tunisian Sahara: Sir H. H. Johnston (with map and illustrations), XI. 581

Notes on a Journey in Tarhuna and Gharian, Tripoli: H. S. Cowper (with map and illustrations), VII. 150

Further Notes on the Tripoli Hill Range: H. S. Cowper (with map and illustrations), IX. 620

From Algeria to the French Congo: F. Foureau (with map and illustrations), XVII. 135

A Visit to the Hoggar Twaregs: W. J. Harding King (with illustrations), XX. 507

West Africa—

The Anglo-French Boundaries in West Africa: E. G. Ravenstein (with map), XII. 73

Wanderings in the Hinterland of Sierra Leone: T. J. Alldridge (with map), IV. 123

An Expedition to the Source of the Niger: Col. J. K. Trotter (with map and illustrations), X. 237, 386

Journeys in the Benin Country, West Africa: Capt. H. L. Gallwey, I. 122

Hausa Pilgrimages from the Western Sudan, together with a Native Account of the Death of General Gordon: Rev. C. H. Robinson, II. 451

The Benue and the Anglo-German Treaty of November 15, 1893 (map): E. G. Ravenstein, III. 42

An Expedition to Borgu, on the Niger: Capt. F. D. Lugard (with map and illustrations), VI. 205

The Hausa Territories:—I. Hausaland: Rev. C. H. Robinson. II. Notes on a Journey through the Sokoto Empire and Borgu in 1894: Wm. Wallace (with map), VIII. 211

Nupe and Ilorin: Lieut. S. Vandeuleur (with map and illustrations), X. 349

Notes on a Journey to Pali and Mamaidi, in the Kingdom of Bauchi: P. A. Clive (with sketch-map), XIV. 177

Regions of the Benue: L. H. Moseley (with map), XIV. 630

The German Expedition to Adamawa: Dr. Passarge, V. 50

Congo State, Angola—

Recent explorations in the S.E. Congo Basin: E. G. Ravenstein, I. 223

AFRICA

Congo State, Angola—continued.

The Stairs Expedition to Katangaland: J. A. Moloney, II. 238

Three Years' Travel in the Congo Free State (map and illustrations): S. L. Hinde, V. 426

The Ancient Kingdom of Kongo: Rev. T. Lewis (with map and illustrations), XIX. 541

The Upper Congo as a Waterway: Rev. G. Grenfell (with maps), XX. 485

Egypt and Nile Valley—

Further routes in the Eastern Desert of Egypt: E. A. Floyer, I. 408

A Visit to the Northern Sudan: J. T. Bent (with map and illustrations), VIII. 335

A Journey to Siwa in September and October, 1896: W. Jennings-Bramly (with sketch-map), X. 597

Itinerary from Kantara to El Arish: A. R. Guest (with map and illustrations), XIII. 281

On Desert Sand-dunes bordering the Nile Delta: V. Cornish (with map and illustrations), XV. 1

The Emerald Mines of Northern Etbai: D. A. MacAlister (with maps and illustrations), XVI. 537

The Oases of the Mudrieh of Assyut: A. R. Guest (with map and illustrations), XVI. 655

A Journey from Farafra to Siwa, 1898: W. Jennings-Bramly (with map), XIX. 73

The Mediterranean Coast Region of Egypt: Major Rycroft, XX. 502

The "Sudd" of the White Nile (with illustrations), XV. 234

Survey of the Sobat Region: Major H. H. Austin (with map and illustrations), XVII. 495

Surveys on the proposed Sudan-Abyssinian Frontier: Major C. W. Gwynn (with map and illustrations), XVIII. 562

The "Sudd" of the White Nile: E. S. Crispin (with illustrations), XX. 318

A Trip up the Khor Felus, and Country on the left bank of the Sobat: Capt. H. H. Wilson (with sketch-map), XX. 401

Abyssinia, Somaliland—

The Ancient Trade Route across Ethiopia (map): J. T. Bent, II. 140

Italian Explorations in the Upper Basin of the Jub: E. G. Ravenstein (with map), III. 134

Dr. D. Smith's Expedition to Somaliland (map), V. 124

Expedition through Somaliland to Lake Rudolf: Dr. A. Donaldson Smith (with map and illustrations), VIII. 120, 221

Egypt and Abyssinia: Prof. L. Reinisch, IX. 314

AFRICA

Abyssinia, Somaliland—continued.

Two Recent Journeys in Northern Somaliland. I.: F. B. Parkinson and Lieut. Brander-Dunbar. II.: G. P. V. Aylmer (with maps and illustrations), XI. 15

A Volcanic Crater in Northern Somaliland: A. E. Pease (with sketch-map and diagram), XI. 138

Through Somaliland to Lake Rudolf: H. S. Cavendish (with map and illustrations), XI. 372

A Journey through Abyssinia to the Nile: H. Weld Blundell (with map and illustrations), XV. 97, 264

King Menelek's Dominions and the Country between Lake Gallop (Rudolf) and the Nile Valley: Capt. M. S. Wellby (with map), XVI. 292

Notes on a journey from Zeila to Khartum: O. T. Crosby (with sketch-map and illustrations), XVIII. 46

A Journey from Zeila to Lake Rudolf: J. J. Harrison (with map), XVIII. 258

From the Somali Coast through Southern Ethiopia to the Sudan: O. Neumann (with map and illustrations), XX. 373

East Africa—

The Anglo-German Boundary in East Equatorial Africa. Proceedings of the British Commission, 1892: C. S. Smith (with map), IV. 424

Neumann's Journey in East Africa (with map), VI. 274

Expedition to Ruwenzori and Tanganyika: G. F. Scott Elliot (with maps and illustrations), VI. 301

A journey from Omdurman to Mombasa *via* Lake Rudolf: Brevet-Maj. H. H. Austin (with map), XIX. 669

Expedition up the Jub River through Somaliland, East Africa: Commdr. F. G. Dundas, I. 209

With the Railway Survey to Victoria Nyanza (map and illustrations): Capt. J. W. Pringle, II. 112

Peoples, Places, and Prospects in British East Africa: C. W. Hobley (with illustration), IV. 97

Contributions to the Physical Geography of British East Africa: J. W. Gregory (with map and diagrams), IV. 289, 408, 505

Upon a Visit to Tsavo and the Taita Highlands (maps): C. W. Hobley, V. 545

On a Journey from Machako's to Kitwyi: J. Ainsworth, VII. 406

Journeys in Gosha and beyond the Deshek Wama: C. H. Craufurd (with map), IX. 54

Notes on a Journey round Mount Masawa or Elgon: C. W. Hobley (with map and diagram), IX. 178

AFRICA

East Africa—continued.

Two Years' Travel in Uganda, Unyoro, and on the Upper Nile: C. F. S. Vandeleur (with map and illustrations), IX. 369

Kavirondo: C. W. Hobley (with map), XII. 361

Lake Choga and the surrounding country: Capt. R. T. Kirkpatrick, XIII. 410

Journeys to the North of Uganda:—I. Col. J. R. L. Macdonald; II. Lake Rudolf: Maj. H. H. Austin (with map and illustrations), XIV. 129

Mr. Jenner's Expedition from Kismayu to Logh, on the Juba (with map), XIV. 637

From Njemps to Marieh, Save, and Mumia's (British East Africa): Major H. H. Austin (with map), XIV. 307

Road-making and Surveying in British East Africa: Capt. G. E. Smith (with map and diagram), XIV. 269

A Journey to the Summit of Mount Kenya, British East Africa: H. J. Mackinder (with maps and illustrations), XV. 453

A Journey from Lake Naivasha to the Victoria Nyanza: Capt. G. H. Gorges (with map and illustrations), XVI. 78

An Expedition between Lake Rudolf and the Nile: Dr. A. D. Smith (with map and illustrations), XVI. 600

Sir Harry Johnston's Recent Journeys in the Uganda Protectorate, XVII. 39

Notes of a journey on the Tana River, July to September, 1899: Capt. H. de Prée (with illustrations), XVII. 512

The Lake-level of the Victoria Nyanza: E. G. Ravenstein (with diagrams), XVIII. 403

The Uganda Protectorate, Ruwenzori, and the Semliki Forest: Sir H. H. Johnston (with map and illustrations), XIX. 1

Kikuyu: Notes on the country, people, flora, and fauna: Major R. Crawshaw, XX. 24

Notes of a journey through Uganda, down the Nile to Gondokoro (July, 1902): Sir C. N. E. Eliot, XX. 611

Dr. Baumann between Victoria Nyanza and Tanganyika, I. 228

The Konde Country (sketch-map): Rev. Dr. Merensky, II. 321

Crater Lakes North of Lake Nyasa, with a Suggestion as to the Origin of Central African Lakes (map): Dr. D. Kerr-Croes, V. 112

Mozambique—

The Sugar-Loaf Mountain, Mozambique: W. A. Churchill, IV. 352

AFRICA

Central Africa—

Count Götzen's Journey across Equatorial Africa (map), V. 354

The Physical Features of the Nyasa and Tanganyika Districts of Central Africa: J. E. S. Moore (with map and diagrams), X. 289

Delimitation of the British and French Spheres in Central Africa (with map), XIII. 524

Note on the heights of Lakes Nyasa and Tanganyika above Sea-level: Capt. C. F. Close, XIII. 623

Tanganyika and the Countries north of it: J. E. S. Moore (with map and illustrations), XVII. 1; Methods used in Surveying, and General Notes: M. Ferguson (appendix), XVII. 37

The Congo-Zambezi Water-parting: Capt. C. Lemaire (with map and illustrations), XIX. 173

Travel and Trade-Routes in North-Eastern Rhodesia and adjacent parts of East Central Africa (with maps). A voyage on Lake Tanganyika: R. Codrington, XIX. 598

Nyasaland, N. Rhodesia—

To Lake Bangweolo and the unexplored region of British Central Africa: J. Thomson, I. 97

The Industrial Development of Nyasaland: J. Buchanan, I. 245

A journey from the Shire River to Lake Mweru and the Upper Luapula: A. Sharpe, I. 524

Routes and Districts in Southern Nyasaland (map and sketch-map): Lieut. B. L. Selater, II. 403

The British Central Africa Protectorate (map and illustrations): H. H. Johnston, V. 193

Kilwa Island, in Lake Mweru: A. Blair-Watson (with map), VI. 458

A Visit to Lake Chiuta, British Central Africa: R. Codrington (with map), VII. 183

The Geography and Resources of British Central Africa: A. Sharpe (with illustrations), VII. 366

Lake Mweru and the Luapula Delta: A. Blair Watson, IX. 58

A Journey in the Marotsse and Mashikumbwe Countries: A. St. H. Gibbons (with map and illustrations), IX. 121

A Journey up the Machili: P. C. Reid, IX. 143

From the Machili to Lialui: Captain A. Bertrand, IX. 145

Explorations in the west of Lake Nyasa: R. I. Money and Dr. S. K. Smith (with map and illustrations), X. 146

The Central Angoniland District of the British Central African Protectorate: R. Codrington (with sketch-map and illustrations), XI. 509

AFRICA

Nyasaland, N. Rhodesia—continued.

Northern Rhodesia: H. Croad and C. D. Hoste (with map), XI. 617

Circumnavigation of Lake Bangweolo: P. Weatherley (with map and illustrations), XII. 241

The Nyasa-Tanganyika Plateau:—

I. By Captain F. F. R. Boileau. II. By L. A. Wallace (with maps and illustrations), XIII. 577

A Journey from Fort Jameson to Old Chitambo and the Tanganyika Plateau: R. Codrington (with map), XV. 227

Notes on the Country between Lake Chiuta and the River Luli, Central Africa: Capt. F. B. Pearce (with map and illustrations), XV. 612

A Journey from Fort Jameson to the Kafue River: C. P. Chesnaye (with map), XVII. 42

Explorations in Marotsland and Neighbouring Regions: Major A. St. H. Gibbons (with maps and illustrations), XVI. 106

The Kafue River and its Headwaters: G. Grey (with map), XVIII. 62

Journey from Domira Bay, Lake Nyasa, to Fife, on the Tanganyika Plateau: C. McKinnon, XIX. 603

Journey to the Kafue and Zumbo Districts: P. H. Selby, XIX. 605

Geographical results of the explorations of the French "White Fathers" in North-Eastern Rhodesia: H. Maitre (with sketch-map), XX. 324

South Africa—

Twenty years in Zambesia: F. C. Selous, I. 289

Notes on a portion of the Kalahari: E. Wilkinson, I. 324

South-West Africa, English and German (from an economical point of view): Joachim Count Pfeil (map and illustrations), II. 29

Historical evidence as to the Zim-babwe Ruins: Dr. H. Schlichter, II. 44

The Zoutpansberg Goldfields in the South African Republic (map and illustrations): F. Jeppe, II. 213

Geographical Results of the Anglo-Portuguese Delimitation Commission in South-East Africa, 1892 (map and illustrations): Major J. J. Levenson, II. 505

Notes in Eastern Mashonaland (illustrations): W. A. Eckersley, V. 27

Notes on Mr. Selous's Map of Mashonaland and Manika (map): E. G. Ravenstein, V. 46

Travels and Researches in Rhodesia: H. Schlichter (with map and illustrations), XIII. 376

Dr. Passarge's Journeys in South Africa (with sketch-map), XIV. 310

Journeys in the Linyante Region: P. C.

AFRICA**South Africa—continued.**

Reid (with map and illustrations), XVII. 573

Col. Arnold's Map of the Barue Country (with map), XVIII. 514

Madagascar—

Notes on Western Madagascar and the Antinossi Country: J. T. Last (with maps), VI. 227

NORTH AMERICA.**General—**

The Glaciers of North America: Prof. I. C. Russell, XII. 553

British North America—

The Topographical Work of the Geological Survey of Canada: James White, X. 623

On Snow-waves and Snow-drifts in Canada, with Notes on the "Snow-mushrooms" of the Selkirk Mountains: V. Cornish (with sketch-maps and illustrations), XX. 137

Explorations through the Interior of the Labrador Peninsula, 1893-1894 (map): A. P. Low, V. 513

Recent Explorations to the South of Hudson Bay: Dr. R. Bell (with map and illustrations), X. 1

A trip on the Tha-Anne River, Hudson Bay: Rev. J. Lofthouse (with map), XIII. 274

An Expedition through the Barren Lands of Northern Canada: J. B. Tyrrell (with map), IV. 437

A Second Expedition through the Barren Lands of Northern Canada: J. B. Tyrrell (with map), VI. 438

A Journey from Chesterfield Inlet to Great Slave Lake, 1898-1899: D. T. Hanbury (with map), XVI. 63

A Survey in Baffinland, with a Short Description of the Country: Dr. R. Bell (with map and illustrations), XVIII. 25

Explorations in the Great Bear Lake Region: J. Mackintosh Bell (with map and illustrations), XVIII. 249

The Geography and Resources of the Yukon Basin: W. Ogilvie (with map and illustrations), XII. 21

Mount Brown and the Sources of the Athabasca (map): Prof. A. P. Coleman, V. 53

Lake Louise, in the Canadian Rocky Mountains: W. D. Wilcox (with sketch-maps and illustrations), VII. 49

Exploration in the Canadian Rockies: A Search for Mount Hooker and Mount Brown: Prof. Norman Collie (with map and illustrations), XIII. 337

Sources of the Saskatchewan: W. D.

AMERICA**British North America—continued.**

Wilcox (with sketch - map and illustrations), XIII. 358

Exploration in the Canadian Rocky Mountains: Prof. J. N. Collie (with illustrations), XVII. 252

Alaska—

Notes on Glaciers of South-Eastern Alaska and adjoining territory: O. J. Klotz (with maps and illustrations), XIV. 523

United States—

The Treeless Plains of the United States: J. W. Redway, III. 209

Recent Geographical Work by the United States Geological Survey: M. Baker (with map), IV. 147

The U.S. Geological Survey: M. Baker, VI. 252

Geographical Research in the United States: M. Baker, XI. 52

Hydrography of the United States: F. H. Newell, XI. 152

The Geographical Work of the United States Coast Geodetic Survey: T. C. Mendenhall and O. H. Tittmann, XI. XI. 289

United States Daily Atmospheric Survey: W. L. Moore, XII. 176

The Eastern Gateway of the United States: Prof. A. P. Brigham (with map), XIII. 513

The Anglo-Saxons of the Kentucky Mountains: a Study in Anthropogeography: Miss E. C. Semple (with map and illustrations), XVII. 588

Mexico—

The Western Sierra Madre of Mexico: O. H. Howarth, VI. 422

Popocatepetl, and the Volcanoes of the Valley of Mexico: O. H. Howarth (with map and illustrations), VIII. 137

Notes on a Section of North Mexico: J. G. L. Stephenson (with map), XI. 424

CENTRAL AND SOUTH AMERICA.**Central America—**

Costa Rica: Col. G. E. Church (with map), X. 56

North-East Nicaragua: J. M. Nicol (with map), X. 658

West Indies—

Through Haiti: H. Pritchard (with illustration), XVI. 306

The Eruptions in Martinique and St. Vincent: H. N. Dickinson (with maps), XX. 49

The Volcanic Eruption at St. Vincent: E. André (with illustrations), XX. 60

South America—

An Outline of its Physical Geography: Col. G. E. Church (with maps), XVII. 333

AMERICA

Brazil, Guiana, Venezuela—

Notes on the Visit of Dr. Bach to the Catuquinaru Indians: Col. G. E. Church (with diagrams), XII. 63

Four months of Travel in British Guiana (map): G. G. Dixon, V. 337

The Shore of Demerara and Essequibo, British Guiana: F. J. Gray (with illustrations), XX. 408

In the Valley of the Orinoco: Major S. Paterson (with map and illustration), XIII. 39

The Caura Affluent of the Orinoco: E. André (with sketch-map), XX. 283

Ecuador, Peru, Bolivia—

The River Napo: C. D. Tyler, III. 476

The Galápagos Islands: Dr. Wolf, VI. 560

Descriptive Notes on the Southern Plateau of Bolivia and the Sources of the River Pelaya: C. M. S. Pasley, III. 105

Recent Discoveries in the Basin of the River Madre de Dios (Bolivia and Peru): C. R. Markham, VII. 187

Explorations in the Bolivian Andes: Sir W. M. Conway (with map and illustrations), XIV. 14

Notes on a Map of Part of the Cordillera Real of Bolivia: Sir W. M. Conway (with map), XV. 528

Northern Bolivia and President Pando's New Map: Col. G. E. Church (with map), XVIII. 144

Chili, Argentina—

Mr. Fitz Gerald's Expedition to Aconcagua: E. A. Fitz Gerald, X. 469

Exploration on and around Aconcagua: E. A. Fitz Gerald (with map and illustrations), XII. 469

Dr. Siemiradzki's Explorations in Patagonia (map), II. 158

A Journey in South-Western Patagonia: O. Nordenskiöld (with map and illustrations), X. 401

Explorations in Patagonia: Dr. F. P. Moreno (with map and illustrations), XIV. 241, 353

The Patagonian Cordillera and its Main Rivers, between 41° and 48° South Latitude: Dr. H. Steffen (with map and illustrations), XVI. 14, 185

Methods of Survey employed by the Chilean Boundary Commissions in the Cordillera of the Andes: Prof. A. Bertrand, XVI. 329

The Pampas: P. Kropotkin, III. 318

Journeys and Explorations on the Pilcomayo River: Lieut. O. J. Storm, VII. 82

Argentine Geography and the Ancient Pampean Sea: Col. G. E. Church, XII. 386

Exploration of the Bermejo River and its Affluents, Argentine Republic (with map), XV. 599

ARCTIC

Chili, Argentina—continued.

Notes on the Anthropogeography of Argentina: Dr. F. P. Moreno, XVIII. 574

Bolivia by the Rio de la Plata Route: Col. G. E. Church (with sketch-map), XIX. 64

AUSTRALASIA AND PACIFIC.

Australia—

The Influence of Geographical Position on the Development of the Australian Natives: F. Favenc, II. 316

The Great Barrier Reef of Australia: H. O. Forbes, II. 540

The Artesian Water-supply of Australia from a Geographical Standpoint: W. Gibbons Cox (with sketch-map and illustrations), XIX. 560

Floods in Queensland: H. O. Forbes, I. 239

Journey from Western Australia to Warina, in South Australia: W. C. Boyd (with map), IX. 61

Explorations in Western Australia: Hon. D. W. Carnegie (with map and illustrations), XI. 258

New Zealand—

Exploration and Character of Principal New Zealand Glaciers: A. P. Harper, I. 32

The Westland Alps, New Zealand (with illustrations), V. 61

The First Crossing of the Southern Alps of New Zealand: E. A. Fitz Gerald (with map and illustrations), VII. 483

New Guinea—

Studies in the Anthropogeography of British New Guinea: Prof. A. C. Haddon (with maps and illustrations), XVI. 265, 414

Pacific Islands—

The Gilbert Islands: C. M. Woodford (with map), VI. 325

Account of a Visit to Niuafo'u: Lieut. B. T. Somerville (with illustrations), VII. 65

The Eruption of Ambrym Island, New Hebrides, South-West Pacific, 1894: Commander H. E. Purey-Cust (with map and illustrations), VIII. 585

Exploration in the Caroline Islands: F. W. Christian (with map and illustrations), XIII. 105

POLAR REGIONS.

ARCTIC.

General—

How can the North Polar Region be crossed? Dr. F. Nansen, I. 1

The North Polar Basin: H. Seebohm, II. 331

ARCTIC

General—continued.

- An Artistic Expedition to the North Pole: J. von Payer, V. 106
 Dr. Nansen's North Polar Expedition, and its Scientific Results: Prof. H. Mohn, VIII. 389
 The Nansen Meeting in the Albert Hall (with portraits), IX. 249
 Some Results of the Norwegian Arctic Expedition, 1893–1896: F. Nansen (with map and illustrations), IX. 473
 The North Polar Problem. A Discussion (with map), IX. 505
 Studies among the Drift Ice of the Polar Seas: A. E. Nordenskiöld, XI. 492
 The *Yermak* Ice-breaker: Vice-Admiral Makaroff (with map and illustrations), XV. 32
 Arctic Problems: Sir C. R. Markham (with sketch-map), XX. 481

Spitsbergen, Franz Josef Land, Arctic Siberia—

- Visit of the Training Squadron to Spitsbergen in 1895 (with map and illustrations), VI. 548
 The First Crossing of Spitsbergen: Sir W. M. Conway (with map and illustrations), IX. 353
 A Cruise on the East of Spitsbergen: A. Pike (with map and illustrations), XI. 365
 An Exploration in 1897 of some of the glaciers of Spitsbergen: Sir W. M. Conway (with map and illustrations), XII. 137
 The Swedish Arctic Expedition of 1898: Prof. A. G. Nathorst (with maps and illustrations), XIV. 51, 155
 A Note on the Geography of Franz Josef Land: A. Montefiore [Brice], III. 492
 The Jackson-Harmsworth Polar Expedition: F. G. Jackson, IV. 141
 The Jackson-Harmsworth North Polar Expedition: an account of its first winter, and of some discoveries in Franz Josef Land: A. Montefiore E. Brice, VI. 499
 The Jackson-Harmsworth Polar Expedition: A. Montefiore Brice (with map and illustrations), VIII. 543
 On a Revised Map of Kaiser Franz Josef Land, based on Payer's Original Survey: Prof. R. Copeland (with map), X. 180
 Three Years' Exploration in Franz Josef Land: F. G. Jackson (with map and illustrations), XI. 113
 The Italian Arctic Expedition, 1899–1900, XVIII. 282
 Visit to Barents and Kara Seas: Col. H. W. Feilden (with map and illustrations), XI. 333
 Proposal for an Expedition to Sannikoff Land: Baron E. von Toll, XII. 162

ANTARCTIC

Spitsbergen, Franz Josef Land, Arctic Siberia—continued.

- Russian Navigators in the Arctic Ocean in 1895–1896: Col. J. Shokalsky (with map), XII. 172
 The Russian Polar Expedition in the *Sarya*: Baron E. von Toll, XIX. 475
 The Russian Polar Expedition. Summary Report for 1901: Baron E. Toll, XX. 216
 Greenland, Arctic America—
 Lieut. Ryder's East Greenland Expedition, 1891–1892, I. 43
 Lieut. Peary's Arctic work (Map): C. C. Adams, II. 303
 A Journey round Melville Bay (map and illustrations): E. Astrup, V. 345
 Journeys in North Greenland: Lieut. E. A. Peary (with map and illustrations), XI. 213
 The Danish East Greenland Expedition in 1900: Lieut. G. C. Amdrup (with map and illustrations), XVI. 662
 On the map of King Oscar Fjord and Kaiser Franz Josef Fjord in North-Eastern Greenland: Dr. A. G. Nathorst (with maps and illustrations), XVII. 48
 Capt. Sverdrup's Expedition to Northern Greenland (with plan and illustration), XIII. 136
 A proposed expedition to the North Magnetic Pole: Capt. R. Amundsen, XIX. 484
 Expedition to the North Magnetic Pole: Capt. R. Amundsen (with sketch-map), XX. 627

ANTARCTIC.

General—

- The renewal of Antarctic Exploration (map and illustrations): J. Murray, III. 1
 The Bathymetrical Conditions of the Antarctic Regions: H. Arctowski (with diagrams), XIV. 77
 The Antarctic Climate: H. Arctowski (with diagrams), XIV. 413
 On the Physical and Chemical Work of an Antarctic Expedition: J. Y. Buchanan, XIV. 552
 Considerations respecting Routes for an Antarctic Expedition: Sir C. R. Markham, XVIII. 13
 Expeditions—
 A Voyage toward the Antarctic Sea, September 1892 to June 1893, II. 429
 The Voyage of the *Jason* to the Antarctic Regions. Abstract of Journal kept by Capt. C. A. Larsen (with map), IV. 333
 The *Antarctic's* Voyage to the Antarctic (map): C. E. Borchgrevink, V. 583
 Cruise of the *Balena* and *Active* in the Antarctic. I. The *Balena*: W. S. Bruce (with map), VII. 502; II. The

ANTARCTIC

Expeditions—*continued*.

- Active*: C. W. Donald (with map), VII. 625
- The German Deep-sea Expedition to Antarctic Waters (with chart), XIII. 640
- The Belgian Antarctic Expedition, XIII. 650
- Exploration of Antarctic Lands: H. Arctowski (with maps and illustrations), XVII. 150
- The Antarctic Voyage of the *Belgica* during the years 1897, 1898, and 1899: H. Arctowski (with map and illustrations), XVIII. 353
- The National Antarctic Expedition, XIV. 190
- The Antarctic Expeditions: Sir C. R. Markham, XIV. 473
- The National Antarctic Expedition, XVIII. 154
- The National Antarctic Expedition, XVIII. 275
- With the *Discovery* to Madeira: H. R. Mill, XVIII. 395
- The Voyage southward of the *Discovery*:
I. London to Madeira: H. R. Mill.
II. From Madeira to the Cape: G. Murray.
III. The *Discovery* and the Relief Ship: Sir C. R. Markham (with map and illustrations), XIX. 417
- The National Antarctic Expedition (with illustration and portrait), XX. 209
- The *Southern Cross* Expedition to the Antarctic, 1899–1900: C. E. Borchgrevink (with map and illustrations), XVI. 381
- Topography of South Victoria Land (Antarctic): L. Bernacchi (with illustrations), XVII. 478
- The German Antarctic Expedition: Dr. E. von Drygalski, XVIII. 279
- The winter expedition of the *Antarctic* to South Georgia: Dr. J. G. Anderson, XX. 405
- The geographical distribution of vegetation in South Georgia: C. Skottsberg, XX. 498

OCEANS.

The Oceanographical and Meteorological Work of the German *Valdivia* Expedition: Dr. G. Schott, XV. 518

Atlantic—

- Research in the North Atlantic: Prof. O. Pettersson (with diagrams), XI. 609
- Oceanography of the North Atlantic: Albert, Prince of Monaco (with illustrations), XII. 445
- Exploration of the intermediate depths of the Ocean: G. Murray (with map and diagram), XIII. 147

MATHEMATICAL, Etc.

Atlantic—*continued*.

- The Danish "Ingolf" Expedition (with map), XV. 273
- Oceanographical Research in the Atlantic: H. R. Mill, XIX. 354

Pacific—

- Deep-sea deposits and their distribution in the Pacific Ocean, with notes on the samples collected by *S.S. Britannia*, 1901: Sir J. Murray (with chart), XIX. 691

MATHEMATICAL AND PHYSICAL GEOGRAPHY.

Methods and Appliances—

- The construction of a map of the World on a scale of 1: 1,000,000: Prof. A. Penck, I. 253
- The Determination of Geographical Longitudes by Photography: H. G. Schlichter, II. 423
- Diagram for determining the Parallax in Declination and Right Ascension of a Heavenly Body, and its Application to the Prediction of Occultations: Major S. C. M. Grant (with diagrams), VII. 649
- A Portable Mercurial Barometer: H. H. P. Deasy (with illustrations), X. 203
- To find the Angles from the Vertex of the Moon for an Occultation predicted by Major Grant's Approximate Method: E. A. Reeves (with diagram), XI. 165
- A Great Globe: Prof. E. Reclus, XII. 401
- Civil Time; or tables showing the differences in time between that used in various parts of the world and Greenwich Mean Time: J. Milne, XIII. 173

Geophysics—

- Movements of the Earth's Crust: J. Milne (with diagrams), VII. 229
- Discovery of Baron Nordenskjöld that Fresh Water will be found by boring through hard rock: Sir C. R. Markham (with illustrations), X. 465
- The Plan of the Earth and its Causes: J. W. Gregory (with maps and diagrams), XIII. 225
- Hot Springs and Volcanic Phenomena: Prof. E. Suess, XX. 517

Geomorphology—

- The Permanence of Ocean Basins: H. R. Mill, I. 230
- Do Glaciers excavate? Prof. T. G. Bonney, I. 481
- Mountains: D. W. Freshfield, III. 228
- On the general configuration of the Earth's Surface: Sir J. Lubbock, VI. 545
- Sub-Oceanic Changes: J. Milne (with illustrations), X. 229, 259
- Submarine gullies, River outlets, and

PHYSICAL GEOGRAPHY

Geomorphology—*continued*.

Fresh-water escapes beneath the sea-level: H. Benest (with charts and diagrams), XIV. 394

The Geographical Cycle: W. M. Davis (with diagrams), XIV. 481

On the Configuration of the Earth's Surface, with special reference to the British Islands: Rt. Hon. Sir J. Lubbock, XV. 46

The Origin of Land-forms through Crust-torsion: M. M. Ogilvie-Gordon (with illustrations), XVI. 457

The Origin of Moels, and their subsequent Dissection: J. E. Marr (with illustrations), XVII. 63

Sand-dunes, Shore-deposits, Waves—

On the Formation of Sand-dunes: V. Cornish (with illustrations), IX. 278

On Sea-beaches and Sandbanks: Vaughan Cornish (with diagrams), XI. 528, 628

On Kumatology: Dr. V. Cornish (with illustrations), XIII. 624

On Sand-waves in Tidal Currents: Dr. V. Cornish (with maps and illustrations), XVIII. 170

Rivers—

Potamology as a Branch of Physical Geography: A. Penck, X. 619

Oceanography—

Recent Contributions to Oceanography: H. N. Dickson (with sketch-map), III. 302

The Physical Condition of the Ocean: Capt. W. J. L. Wharton, IV. 252

On the Annual Range of Temperature in the Surface Waters of the Ocean, and its Relation to other oceanographical phenomena: Sir J. Murray (with map), XII. 113

On the Temperature of the Floor of the Ocean and of the Surface Waters of the Ocean: Sir J. Murray (with maps), XIV. 34

Prof. Pettersson on Methods of Oceanographical Research: H. N. Dickson, XIV. 185

Oceanography: Sir J. Murray, XIV. 426

The Pettersson-Nansen Insulating Water-bottle: H. R. Mill (with illustrations), XVI. 469

Climatology—

Recent Researches on Climate: H. N. Dickson, X. 303

Prof. Supan on the Rainfall of the Globe: A. J. Herbertson, XIII. 61

The Mean Temperature of the Atmosphere and the causes of Glacial Periods: H. N. Dickson, XVIII. 516

Zoogeography—

The Geography of Mammals: W. L. Slater (with map), III. 95; IV. 35; VII. 282; VIII. 378; IX. 67; X. 84

ANTHROPOGEOGRAPHY, Etc.

Anthropogeography—

The Influence of Geographical Conditions on Social Development: Prof. P. Geddes (with map), XII. 580

Physiological Geography—

Physiological Effects of High Altitudes: C. Dent, I. 46

Acclimatization of Europeans in Tropical Lands: Dr. L. W. Sambon, XII. 589

Commercial Geography—

Commercial Geography: H. R. Mill, III. 124

Interoceanic Communication on the Western Continent, A Study in Commercial Geography: Colonel G. E. Church (sketch-map), XIX. 313

Historical Geography—

Mendez Pinto: S. Wheeler, I. 139

Pytheas, the discoverer of Britain: C. R. Markham, I. 504

Prince Henry the Navigator, III. 388

A Pre-Columbian Discovery of America (Facsimiles): H. Yule Oldham, V. 221

The Franklin Commemoration, VI. 31

An Attempt to reconstruct the Maps used by Herodotus: J. L. Myres (with diagrams), VIII. 606

The Supposed Discovery of South America before 1448, and the Critical Methods of the Historians of Geographical Discovery: J. Batalha-Reis, IX. 185

The Weston Tapestry Maps: Rev. W. K. R. Bedford, IX. 210

Fourth Centenary of the Voyage of John Cabot, 1497: Sir C. R. Markham (with map), IX. 604

The Fourth Centenary of Vasco da Gama's Voyage to India: Sir C. R. Markham, XII. 10

The Influence of the "Travels of Marco Polo" on Jacobo Gastaldi's Maps of Asia: Baron A. E. Nordenskiöld, (with facsimiles), XIII. 396

Was Australia discovered in the Sixteenth Century: E. Heawood, XIV. 421

New light on some Mediæval Maps: C. R. Beazley (with diagrams), XIV. 620; XV. 130, 378; XVI. 319

Hudson's Voyage to Spitsbergen in 1607: Sir W. M. Conway (with maps), XV. 121

Some unpublished Spitsbergen MSS: Sir W. M. Conway (with illustrations), XV. 628

The Voyages of Diogo Cão and Bartholomew Dias, 1428-1488: E. G. Ravenstein (with maps and illustrations), XVI. 625

Can Hawkins's "Maiden Land" be identified as the Falkland Islands?: Commander B. M. Chambers (with sketch-maps), XVII. 414

Joris Carolus, Discoverer of Edge

HISTORICAL GEOGRAPHY**Historical Geography—continued.**

- Island: Sir W. M. Conway (with maps), XVII. 623
 Madaba Map: C. R. Beazley, XVII. 516
 The first map containing the name America: B. H. Soulsby, XIX. 201
 Report on the Identification of the Bay of San Felipe and Santiago visited by De Quiros in 1606, XX. 201
 Note on the Identification of Sagittaria of Quiros: Rear-Admiral Sir W. J. L. Wharton, XX. 207

GENERAL.**Geographical Progress—**

- The Annual Address on the Progress of Geography, 1892-93: Rt. Hon. Sir M. E. Grant Duff, II. 1
 Addresses (Anniversary) to the Royal Geographical Society: Sir C. R. Markham, IV. 1; VI. 1; VIII. 1; IX. 589; XII. 1; XIV. 1; XVI. 1; XVIII. 1; XX. 1
 Opening Addresses by the President: Sir C. R. Markham, II. 481; VI. 497; VIII. 541; X. 565; XIII. 1; XIV. 593; XVI. 597; XVIII. 561; XX. 573
 In Commemoration of the Reign of Her Late Majesty, Queen Victoria, Empress of India:—
 I. President's Address in Commemoration of Her Late Majesty, (with portrait), XVII. 225
 II. Progress of Exploration and the Spread and Consolidation of the Empire in America, Australia, and Africa: Right Hon. Sir G. T. Goldie, XVII. 231

EUROPE**Geographical Progress—continued.**

- III. Advances in Asia, and Imperial Consolidation in India: Col. Sir T. H. Holdich, XVII. 240
 IV. President's Address on the Accession of King Edward VII., XVII. 250
Scope and Methods—
 The Orthography of Geographical Names: J. C. Dalton, I. 431
 On the Teaching of Physiography: P. Kropotkin, II. 350
 The Limits between Geology and Physical Geography, II. 518
 Modern Geography, German and English: H. J. Mackinder, VI. 367
 The Teaching of Geography in Relation to History: A. W. Andrews, IX. 427
 Some Geographical Problems: J. Scott Keltie, X. 308
 The Field of Geography: Sir C. R. Markham, XI. 1
 The Classification of Geography: H. R. Mill, XI. 145
 Scientific Geography for Schools: Prof. R. E. Dodge, XI. 159
 The use of Practical Geography illustrated by recent Frontier Operations: Col. Sir T. H. Holdich (with illustrations), XIII. 465
 Political Geography and the Empire: Sir G. S. Robertson, XVI. 447
 On Research in Geographical Science: H. R. Mill, XVIII. 407
 The Importance of Geography in Education: Right Hon. J. Bryce, XIX. 301
 Some Geographical Problems: Col. Sir T. H. Holdich, XX. 411

INDEX TO MAPS CONTAINED IN THE 'GEOGRAPHICAL JOURNAL,' VOLS. I. TO XX.

EUROPE.**British Isles—**

- Lake district—general map, VI. 108;
 Relation of Radial Drainage to Geological Structure, VII. 603; Radiate Symmetry, VI. 48; Map to illustrate paper on Waterways of English Lakeland, VII. 688; Bassenthwaite, VI. 103; Buttermere, Crummock Water, and Ennerdale Water, VI. 808; Coniston Water, VI. 204; Derwentwater, VI. 108; Ullswater and Haweswater, VI. 204; Wastwater, VI. 204; Windermere, VI. 204
 Lyme to Burton Bradstock, Chart of

British Isles—continued.

- coast (Sea-beaches and sandbanks), XI. 632
 Manchester Ship Canal, III. 437
 Ordnance Surveys—Area for which survey prepared 4913 town-scale plans, XV. 574; Cadastral survey of England and Wales, Completion of publication, XV. 571; Coloured parish map of Great Britain, Progress, XV. 590; England and Wales in colour, Progress, XV. 582; Engraved 1-inch Hill map of Great Britain, Progress, XV. 582; Engraved 1-inch outline map of England and Wales, Comple-

EUROPE

British Isles—*continued.*

tion, XV. 580; Engraved 1-inch outline map of Great Britain, Revision, XV. 585; Engraved hill-map of Ireland, Completion, XV. 583; Ireland, progress of 25-inch re-survey, XV. 579; Large-scale re-surveys and revisions of Great Britain, progress, XV. 577; New 4-mile map of England and Wales, Progress, XV. 592; Scotland, Publication of revised 1-inch maps with hills in brown, XV. 586

St. Kilda I., XV. 204

Sand-waves in tidal currents: Dovey estuary, XVIII. 191; Dun sands, XVIII. 185; Findhorn bay, XVIII. 178; Mawdach estuary, XVIII. 172; Montrose basin, XVIII. 179

Scottish Lochs, Bathymetrical Surveys, Maps I.-VII., XV. 452; Part II. Plates I.-IV., XVII. 332; Part III. Plates I.-IV., XVII. 332

Shambles Shoal (Sea-beaches and sand-banks), XI. 642

Sussex—Arun gorge from Ordnance Survey map, XV. 361; Change of population, XV. 368; Geology, rainfall and population, XV. 218, 219; Index map of sheets 317 and 332 of Ordnance Survey, XV. 359; Plans of towns and villages, XV. 370

Western and Northern—

Adour river, sub-oceanic channel and tributaries, XIII. 287

Iberian Pen., geographical outlines, I. 349

Europe, N., V. 99

Kolgueff I., V. 100

Vistula, new mouth, VI. 565

Zuiderzee, I. 234

North Sea—Barometer charts, VII. 258; Surface salinity, Plates 1-5, VII. 344

Faeroe Is., VII. 3

Iceland, II. 155; III. 356; XIII. 576

Central and Southern—

Geneva, Lake of, I. 493

Austria, ship-canals, XVIII. 290

Vienna, Growth of, XVII. 427

Lugano and Como, lakes, I. 490

Phlegrean Fields—General, X. 464; Archiagnano group of craters, X. 425; Avermus do., X. 419; Camaldoli hills, X. 485; Camaldoli valleys and water-sheds, X. 481

Eastern—

Balkan Penins., C. and W., tectonic structure, XIX. 737

Macedonia and S. Albania—Lake Prespa, XVI. 216; Ochrid, XVI. 217

Montenegro, Albania, and Novibazar, IV. 480

Corinth canal, II. 262

ASIA.

Russia in Asia—

Siberian Railway, V. 150

Ob and Irtysh (Janko's routes between), XVI. 347

— and Yenisei rivers, changes of coast at entrance, XII. 224

Kamchatka and Karaginski I., coast, XII. 281

Trans-Caspian depression, geological, XII. 336

Aral Sea, Hydrographical data from surveys by Berg and Molchanoff, XIX. 504

Bokhara, XIV. 696

Turkey in Asia—

Asia Minor (W. M. Ramsay's paper), XX. 372; N.W. Part of, IX. 248; Part of Karia, IX. 120

Lake Van, hydrography of neighbourhood, VI. 175

Urmi lake basin: R. T. Günther, XIV. 592

Upper Valley of Euphrates, VIII. 428

Euphrates river—Great Cañon of: E. Huntington, XX. 177

Kurdistan, III. 168; Central, XVIII. 248

Mesopotamian petroleum field, IX. 588

Bashan, S. (R. Lee's route), V. 14

Kantara to El Arish, XIII. 283

Arabia—

Hadramut (L. Hirsch's Route), III. 199; survey map, IV. 384

Country behind Taka, VI. 129

Dhofar and Gara range, VI. 204

Fadhli country, XII. 112

Oman, N. (S. M. Zwemer's journey), XIX. 61; Jebel Akhdar, or Green mts. (route of S. B. Miles), XVIII. 469; Maskat and Matrah, X. 660;

Wadi Tyin, VII. 576

Persia, Afghanistan, Baluchistan—

Persia, Afghanistan, and Beluchistan, X. 660; (journeys of P. M. Sykes), XIX. 248; Helmand river and

Hamun, XIX. 144, 145; Kerznan, Plan, XIX. 137; Sistan, XIX. 141

Persian Kurdistan (W. B. Harris's route), VI. 455

Bakhtiari country, reconnaissance survey, IV. 584

Persia, C. (H. B. Vaughan's routes), VII. 124

El Kais, Persian Gulf, VII. 647

Kharag I., Persian Gulf, XII. 180

Makran, VII. 452

Baluchistan and its Afghan and Persian borders, IX. 472

— and E. Persia (Lord Ronaldshay's route), XX. 71

Afghanistan and Baluchistan, Orographical, XVI. 596, 682

India and Himalayas—

India—approximate distribution of land and sea at close of Jurassic period,

etc., III. 175

ASIA

India and Himalayas—continued.

- Kafiristan (Sir G. S. Robertson's journeys), IV. 288
 Chitral and adjacent countries, V. 512
 Tirah and surrounding country, XII. 444
 Peak K₂ (Godwin-Austen) as seen from Turmik, III. 432
 Mts. on N. border of Kumaon and adjacent parts of Tibet, XV. 204
 Gohna valley, IV. 164
 Central Himalaya, II. 259
 Kanchenjunga—glaciers: E. J. Garwood, XX. 136; Present and past drainage system of Jongri district, XX. 17; part of Chandra Das' map, XX. 15
 Calcutta and Lower Ganges Region, XVI. 239
 Central India—sketch-map of supposed underground source of attraction, XIX. 618
 Periyar river, S. India; diversion of, VI. 566
 Maldiva and Laccadive Is., XIX. 279, 283; N. Mahlos Madulu atoll, XIX. 288
Pamirs, E. Turkestan, Tibet—
 Central Asia, S. Hedin's journeys, XI. 332; XX. 308
 Pamirs, etc., route of Earl of Dunmore, II. 480
 ——— and adjoining territories of C. Asia and India, VIII. 96
 Oxus river, sources, XIII. 53
 Chinese Turkestan, routes of Col. M. B. Pevtsof and K. I. Bogdanovitch, II. 96
 Takla-Makan (S. Hedin's route), VIII. 266
 Lob-nor—Chinese map, XI. 655; Lob-nor and Lower Tarim, XI. 692
 W. Tibet and Sin Chiang, Chinese Turkestan (H. H. P. Deasy's surveys), XVI. 596
 Chinese Turkestan, portions of, XX. 680
 Tibet and W. China (H. Bower's explorations), I. 480
 Mongolia and Tibet (explorations by W. W. Rockhill), III. 444
 Tibet and surrounding regions, VI. 96
 ——— (St. G. R. Littledale's routes), VII. 576
 ——— and N. China (M. S. Wellby), XII. 336
 ———, E. (routes of Kozloff's expedition), XIX. 578
 Lob-Nor to Koko-Nor (St. G. R. Littledale's journey), III. 540
 Nan-Shan highlands, VIII. 165; preliminary map, VIII. 169

Japan—

- Distribution of earthquakes, X. 531, 564; Isoseismal lines, etc., III. 215; XVII. 635; 640; Meizoseismal area, XVII. 641; Swamp formed by stop-

AFRICA

Japan—continued.

- page of river Toba by fault-scarp, XVII. 644
 Great sea-waves, VIII. 158
 Japanese Alps (Rev. W. Weston), VII. 228
 Luchu I. (B. H. Chamberlain), V. 408
Manchuria—
 Khingian mts., etc. (Donaldson Smith's journey from Peking to Tsitsihar), XI. 580
 Manchuria, C. and S., from R. Turley's observations, XIV. 352
China—
 China and adjoining regions, XII. 552; sections, XII. 552
 Shanghai to Bhamo, route-map, XIV. 643
 Hwang-Ho from Lan-Chau-Fu to Bautu, III. 540
 Yangtse-Kiang, new rapid, X. 193
 Se-chuan, N. and C., X. 128
 Cheng-tu plain, XII. 232
 Sechuan, S. W. (E. Amundsen's journeys), XV. 623; XVI. 596
 Traverse across Ya Lung, Yangtse, Mekong and Salween rivers to Irawadi: R. L. Jack, XIX. 416
 Survey from Hankau to Canton, XIX. 788
 Hong Kong and neighbourhood, territorial concession of 1898, XII. 312
 Chinese Shan States, XV. 564; Do. from drawing by F. W. Carey, XIV. 472
Indo-China—
 Indo-China, Fr., and Siam (journeys by Lord Curzon), II. 288; Turan to Hue, II. 203
 Siam and Indo-China, VII. 298
 Territory between Tali-fu and Sadiya, VII. 302; VIII. 656
 Shan States, VII. 688; Chinese do.: *see* China
 Anglo-Chinese agreement, X. 208
 Siam, C., VIII. 540; Chief passes from Siam to Tavoi, VI. 496; Siamese States, Malay Pen., VI. 496
 Johore territory, 1893: H. Lake, III. 356
 Telubin and Patani valleys, Malay States, IV. 288
 Trengganu and Kelantan, Malay States, IX. 120
 Malay Pen., C. and N. States, XI. 580
Malay Archipelago—
 Malay Archip., bathymetric chart, XVI. 550
 Borneo, Beram district, I. 288; XVI. 140
 Christmas I., XIII. 104

AFRICA.

- Africa, XVIII. 656; do. illustrating L. Darwin's address (Railways), VIII. 540

AFRICA

North Africa—

Morocco; Mogador to Marrakesh and Mazaghan; P. H. Fawcett's route, XIX. 248; Nomadic tribes of Beraber, Sketch-maps showing positions, X. 640, 641; N.W., showing Roman roads, X. 301; Morocco and Tafilet, W. B. Harris' routes between, V. 408

Tunis, S., XI. 692

Tripoli; Tarhuna and Gharian, VII. 228

—; Parts of Gharian, Tarhuna, and M'salata, IX. 692

Sahara and Sudan—

Fourreau-Lamy Mission, XVII. 141

West Africa—

Boundaries—Anglo-French, XII. 74; Franco-German, III. 415; X. 636; Franco-Spanish, XVI. 226; Sketch-map illustrating Anglo-German boundary and re-arrangement of French territories, XV. 63

Upper Niger region, VII. 98

Sierra Leone—Anglo-French boundary near, V. 383; Boundary with Fr. Guinea, X. 348; Hinterland of, showing T. J. Alldridge's route, IV. 192

Ashanti—Lake Busumchi; Ferguson's survey, XIX. 371

Nigeria—

Bauchi, Kingdom of: P. A. Clive, XIV. 178

Benue region, and Anglo-German treaty of 1893, III. 43; Western district of, XIV. 696

Borgu expedition (Sir F. D. Lugard), VI. 300

Niger—Delta, IX. 248; Territory, VIII. 316

Nupe and Ilorin countries, X. 464

Yoruba country (J. McKay's routes), VI. 570

Congo Region, etc.—

French Congo—C. Maistre's journey from Congo to Shari, II. 324

Congo river, from Leopoldville to Stanley Falls, from surveys by G. Grenfell, XX. 572

Zombo Land (T. Lewis' journeys), XIX. 668

Kavungu to Kasai river (F. Schindler's journey), XIX. 506

Territory of Katanga Company, I. 248

S.E. part of Congo basin, V. 512

Egypt and Nile Valley—

Egypt—

Assyut Oases, XVI. 656

E. desert of Egypt, or N. Etbai, I. 480

Farafra to Siwa, route-map: W. Jennings-Bramly, XIX. 120

Nile—Delta, XV. 16; Do. and submarine delta of, XI. 645

Sikait district, showing position of emerald mines, XVI. 538

—, Jebel, plan, XVI. 540; cross-

AFRICA

Egypt and Nile Valley—continued.

section, XVI. 596; Survey of route from Um Selim to, XVI. 596

Siwa, X. 601

Suez canal, XV. 2

Sudan—N.E., VIII. 428

Sobat river and part of Blue Nile, XVII. 572

Khor Felus tributary of Sobat: H. H. Wilson, XX. 403

Dinka country, swamps, XVI. 181

Bahr-el-Gebel, illustrating irrigation projects, XVIII. 464

Upper Nile Region, XI. 170

Abyssinia, Somaliland, etc.—

Abyssinia—Italian boundary, VIII. 637; Southern (H. Weld Blundell), XV. 308; O. T. Crosby's route from Tatea to Bumbada, XVIII. 49; Part of Abyssinia and Sudan (Gwynn and Jackson), XVIII. 656; Trade-routes across Ethiopia, II. 141

D. Smith's expedition to Lake Rudolf, Sheets 1-5, VIII. 200; Index-map, VIII. 121; Expedition of 1899-1900, XVI. 712

Lake Rudolf and neighbouring regions (H. S. Cavendish's Expedition), XI. 464

Addis Abeba to Sobat river, M. S. Wellby's journey, XVI. 380

Zeila to Lake Stefanie (journey by J. J. Harrison), XVIII. 352

Nasser to Uganda railway at lake Nakuro (H. H. Austin), XIX. 788

O. Neumann's journey from Zeila through S. Ethiopia to Upper Nile, XX. 480

Somaliland—British, XI. 293; northern, XI. 112; Part of, journey in: A. E. Pease, XI. 139; routes of L. Bricchetti-Robecchi, II. 360; D. Smith's route, IV. 529; V. 125; Upper basin of Juba river, III. 135

East Africa—

Anglo-Italian arrangement, IV. 57

Anglo-German boundary, IV. 435

Part of E. Africa (G. F. Scott-Elliot) VI. 400

O. Neumann's route, VI. 275

Trade routes, XIX. 600

Br. East Africa.

Juba river, I. 288; XIV. 696; Lower IX. 55

Kenia mt.; W. A. Chanler's expedition E. of, I. 561; H. J. Mackinder's journey, XV. 564; Summit and section of, XV. 564

British East Africa: Uganda Railway Survey, II. 192; (J. W. Gregory's journey), IV. 384

Taita mts.: C. W. Hobley, V. 548

Kisigau and Kilibasi mts., V. 555

Country between Mombasa and Vanga, V. 559

AFRICA

East Africa—continued.

- Ulu and Kitwyl, VII. 452
 Korokoro (Tana river), VIII. 284
 Masawa mt., IX. 248
 Kavirondo, XII. 444
 Road-making and surveying in: G. E. Smith, XIV. 352
 Naivasha lake to Victoria Nyanza, XVI. 140

Uganda Protectorate.

- Uganda and Unyoro (S. F. Vandeleur), IX. 472
 Choga lake, and neighbourhood, XIII. 464
 Routes of Macdonald Expedition, XIV. 240
 Uganda Protectorate (Sir H. Johnston's paper), XIX. 120

German E. Africa.

- Region between Tanganyika and Victoria Nyanza, I. 229
 Konde country, II. 321
 Crater lakes N. of Lake Nyasa, V. 117
 Bonde country, VIII. 656

Central Africa—

- Boundaries — Anglo-Congo arrangement, IV. 55; Anglo-French agreement, XIII. 526
 Count Gotzen's expedition across Africa, V. 357
 Bahr-el-Ghazal and Upper Ubangi, XII. 610
 Tanganyika lake (observations of M. Fergusson), XV. 390; Moore's Expedition between Tanganyika and Ruwenzori, XVII. 104
 Region between Tanganyika and Albert Edward Nyanza (Grogan's Expedition), XVI. 264
 Part of Central Africa, illustrating explorations of A. Gibbons, XVII. 126; Do., Lukafu to Tanganyika, XVII. 224; Tanganyika to Toru, XVII. 224
 Congo-Zambesi water-parting, illustrating C. Lemaire's journey, XIX. 248

Nyasaland, Northern Rhodesia, etc.—

- Royuma to Chitesi, I. 71
 Zambesi and Shire rivers, from Chinde to Chiromo, II. 405
 Nyasaland (Shire Highlands), I. 249
 Shire Highlands (routes of B. L. Selater), II. 480
 Brit. C. Africa Protectorate, V. 288
 Route from Chikala to Lujende, VII. 185
 Nyasa lake, XII. 648; Do. from observations of Lieut. Rhodes and W. B. Phillips, XX. 136
 Districts round Nyasa and Tanganyika, X. 348
 Nyasa-Tanganyika Plateau, XIII. 692; Triangulation between the lakes, XIII. 579

AMERICA

Nyasaland, Northern Rhodesia, etc.—continued.

- Lobemba and Lobisa, journeys of French "White Fathers" in, XX. 325
 Bangweolo lake and surrounding country, XII. 336; Kampolombo Bay, XI. 180
 Mweru and river Luapula (A. Sharpe's routes), I. 561; Kilwa I., Lake Mweru, VI. 459
 Mweru district: H. Croad, XI. 619
 Part of Brit. C. Africa: J. Thomson, I. 192; Geological sketch-map, I. 117; N.E. Part, X. 236
 Central Angoniland, XI. 513
 Portion west of Loangwa river, XI. 692
 Sketch-map illustrating Foa's journey's, XII. 314
 Route map, Fort Jameson, lake Bangweolo, to Fife, XV. 308
 Fort Jameson to Kafue river (C. P. Chesnaye), XVII. 45
 Kafue river: G. Grey, XVIII. 67
 Rhodesia, N.E.; P. H. Selby's routes in, XIX. 668
 Marotseland, Part of Kingdom of, IX. 248; Do., and neighbouring regions, XVII. 224

South Africa—

- South Central Africa, F. C. Selous' routes, I. 384
 Linyanti river (P. C. Reid's journeys), XVII. 575
 Ngami lake region, XIV. 341
 Bechuanaland, Br., and Kalahari desert, I. 384
 Matabeleland and Mashonaland, XIII. 376
 Sebungu and Mafungabusi districts: A. J. C. Molyneux, XVIII. 352
 Mashonaland—Railway from Salisbury to Umtali, XV. 204
 Mashonaland and Manika, V. 96
 Ndanga district of Mashonaland: S. P. Hyatt, XIX. 636
 Sabi and Odzi rivers, Junction of, I. 344
 Mapanda to Massi-Kessi, II. 507
 Anglo-Portuguese boundary, II. 576; Part of, VI. 400
 Zangwa river, entrance, V. 596
 Barue country from Inyanga to Zambezi from survey by A. J. Arnold, XVIII. 560
 Zoutpansberg goldfields: F. Jeppe, II. 288
 S.W. Africa, Count Pfeil's route, II. 31

Madagascar—

- Distribution of tribes, VI. 300; Ongulahi river, VI. 300; Parts of W. Coast, VI. 300

NORTH AMERICA.

- Northern Archipelago: *see* Arctic
 Great Lakes of, Ancient Laurentian valley forming, I. 497

AMERICA

Alaska (*see also* Canada, *below*)—

Alaska, S.E.; glaciers, XIV. 592; Port des Français, plan, XIV. 592

Canada—

Canada—V. Cornish's route in, XX. 138
N.W. Canada and Alaska, XII. 112

N. Canada, J. B. Tyrell's routes, IV. 480; Barren Lands of N. Canada, ditto, VI. 496

Great Bear Lake (track survey): J. M. Bell, XVIII. 352

Baffinland, S. coast, XVIII. 120

Chesterfield inlet to Great-Slave lake, XVI. 140

Port Churchill to lake Tha-Anne (Rev. J. Lofthouse), XIII. 336

Noddawai river and its tributaries (R. Bell), X. 128

Labrador (A. P. Low), V. 612

Athabasca river, Sources, and A. P. Coleman's route to mt. Brown, V. 96

Region of lake Louise, VII. 51, 53

Saskatchewan, sources, XIII. 361

Rocky mts., Canadian: C. P. Baker and J. N. Collie, XIII. 464; Do.: J. N. Collie, XVII. 332

Columbia river, sources (J. N. Collie's exploration), XVII. 255

United States—

U.S., showing progress of Topographical Survey, IV. 151

Carolina coast, three bays of, showing Capes Hatteras, Lookout, and Fear (Sea-beaches and sandbanks), XI. 643; Nantucket I. (Id.), XI. 644

New York State, part, XII. 517

Kentucky, contrast between valley of Poor fork in Ky. and valley of Powell's river in Va., XVII. 591

Mexico—

Mexico, N. portion of, XI. 464; Valley of, VIII. 200

CENTRAL AND SOUTH AMERICA.

West Indies and C. America, XX. 51

Costa Rica, X. 128

Nicaragua, N.E., XI. 692

Martinique and St. Vincent, XX. 54

S. America—Map to illustrate "Outline of its physical geography," XVII. 460**Brazil, Guiana, Venezuela**—

Amazon, delta, XVII. 460; near mouth of Tapajos, XVII. 383

British Guiana, VII. 100; Do., and Barima river; G. G. Dixon's compass survey, V. 408; Upper Kuyuni, VII. 576; boundary, XV. 68

Orinoco and Rio Cuchivero, Part of, XIII. 104

Orinoco, Delta, XVII. 362

Caura river, Venezuela (E. André's journey), XX. 283

Ecuador, Bolivia, Paraguay—

Ecuador (earthquake shock), VIII. 178

Cordillera Real, Bolivia; highest part of, XV. 564; west slope, XIV. 128

ARCTIC

Ecuador, Bolivia, Paraguay—*continued*.

Bolivia, N. (J. M. Pando's explorations), XVIII. 248

— and Paraguay, Political boundary, XVII. 533

Paraguay, Alto and part of E. Bolivia, XIX. 69

Chile, Argentina, Falklands—

Aconcagua (Fitz Gerald expedition), XII. 552

Argentine-Chilean boundary, N., XIV. 323

Patagonia—(J. Siemiradzki's routes), II. 159; Do., S. W., X. 464; Patagonian Cordillera, XVI. 140

Argentine geography and ancient Pampean Sea, XII. 444

— Republic, Railway map, XII. 444

Bermejo river, XV. 680

Parana, Rio; delta, XVII. 460; Plata estuary, XVII. 386; Bahia Blanca, estuary and port, XVII. 399

S. Argentina, XIV. 352

Tracing from Admiralty Chart, 1284 (Coast of Patagonia), XVII. 419

Falkland Is., position relative to Straits of Magellan, XVII. 417

AUSTRALIA AND PACIFIC ISLANDS.

Australia—

Queensland, Artesian water-supply: W. G. Cox, XIX. 668

W. Australia, IX. 120; (Hon. D. Carnegie's journeys), XI. 332

New Guinea—

Br. New Guinea, XVI. 267

Distribution sketch-maps: Bow and arrow, etc., XVI. 428; Canoes, XVI. 426; Decorative art, XVI. 430; Houses, XVI. 423; Initiation ceremonies, etc., XVI. 418; Linguistic map of Centr. District, XVI. 438; Mekeo district, XVI. 272; Do., geological, XVI. 268; Rigo district, XVI. 285

New Zealand—

Southern Alps, I. 96; VII. 576

Pacific—

Date-line in Pacific, XV. 416

Gilbert Is., VI. 327

Ninafou I., VII. 66

Ambrym I., VIII. 656

Caroline Is., XIII. 224

POLAR REGIONS.

ARCTIC.

Map to illustrate Nansen's paper, I. 96; Route and drift of *Fram*, VIII. 281; IX. 588

Polar Charts, illustrating H. Seebohm's address at Nottingham, II. 384

N. Polar region, physical chart, IX. 588

ARCTIC

- Spitsbergen, Franz Josef Land, etc.**—
Routes in the Spitsbergen-Novaya Zemlya Seas, XI. 464
Spitsbergen—C., XII. 224; Track of training squadron, VI. 548; course of *Yermak*, XV. 33; (course of *Antarctic*), XIV. 61; Wijde Bay, mountains along shores, IX. 472; *see also under* Historical, *below*
King Charles Land, XIV. 69, 128
Bear I., from survey by C. J. O. Kjellstrom and A. Hamberg, XIV. 55
Franz Josef Land, VIII. 656; (F. G. Jackson's journeys), XI. 212; (J. Payer's Survey), X. 236
Kolgueff I., V. 100
Greenland, American Archipelago—
Scoresby Sound: C. Ryder, I. 44; part of, IX. 472
Greenland, E.—*Antarctic's* course, XVI. 662; XVII. 104; Facsimile of part of Scoresby's map, XVII. 52; Franz Josef Fjord, XVII. 49, 50, 51; Hurry Inlet, northernmost part, XVII. 57; King Oscar Fjord and Kaiser Franz Josef Fjord, XVII. 104
Greenland, N.—R. E. Peary's proposed work, II. 305; his route, II. 384; journeys, XI. 235
Buchanan Bay, etc., Grinnell Land: R. E. Peary, XIV. 592
Melville Bay, V. 349; Astrup's sledge journey to, V. 547; profile of N. shore, V. 353
Sverdrup's explorations, preliminary sketch, XX. 483
Amundsen's expedition, proposed route, XX. 628

ANTARCTIC.

- Maps illustrating Sir J. Murray's address, III. 80
Proposed routes of German and British Expeditions, XIII. 408; of Scottish expedition, XX. 439
Jason, track, IV. 333
Antarctic, route, V. 585
Graham Land, VII. 509
Antarctic Strait, soundings in, XIV. 78
Belgica, part of track, XVII. 151, 154
Danes Land, Belgica Strait, and Palmer Archipelago: G. le Coite, XVIII. 464
South Victoria Land, part of coast-line, XVI. 500

GENERAL.

- Map of world to illustrate "Interoceanic Communication on Western continent," XIX. 316
Discovery track from Cowes to Port Lyttelton, 1901, XIX. 433
German deep-sea expedition track, XIII. 336
Geomorphology—
Mean sphere level of the Globe, I. 233
Tetrahedral map of world, Lowthian Green's, XIII. 336

HISTORICAL

- Geomorphology**—*continued*.
Glaciers of Alps and Himalayas, XV. 412
Oceanography—
Chart showing proposed regions for international research, XIV. 647
Bathymetrical chart of oceans, showing "deeps" according to Sir J. Murray, XIV. 472
Charts showing temperature of oceans (surface, bottom, annual range, etc.), XII. 224; XIV. 128
—, illustrating submarine gullies, etc., XIV. 396, 397, 405, 406, 410, 411, 472
Atlantic—N., current chart, XV. 273; soundings, XIII. 150
— and North sea, surface temperature, Plates 6–10, VII. 344
Pacific Ocean, S.W. part, XIX. 788
Zoogeography—
Geographical distribution of mammals—
General, III. 168; Australian region, IV. 96; Ethiopian, VII. 344; Ne-arctic, IX. 120; Neotropical, V. 512; Oriental, VIII. 428; Palaearctic, X. 128

HISTORICAL.

- Behaim's Globe, portion of, A.D. 1492, V. 228
Bianco, A., Sketch of map by, A.D. 1448, V. 222, 224, 226
Caõ and Dias, Voyages of, XVI. 712
Cotton or Anglo-Saxon maps, XV. 133
Early Greek geography, maps illustrating—
Scythia (diagrammatic), VIII. 607; Aristagoras, B.C. 501, VIII. 611; Greek sailing routes, VIII. 613; Do. illustrating apparent symmetry about an equatorial axis, VIII. 614; Ionian map and real map, VIII. 618; Do., showing second stage of "Phasis-Tanais controversy," VIII. 627; Persian map and real map, VIII. 622; Empirical basis of theory of three equal continents, VIII. 626
England—Matthew Paris' map: final form, XVI. 321
Fra Mauro's Java, Bali, Lombok, and Sumbawa, compared with modern map, III. 407
Henry of Mainz' map, XV. 137
Japan, maps by Toscanelli, Behaim, and Fra Mauro, III. 405
Lambert of St. Omer, World map, XV. 382
Pytheas, maps illustrating voyage of—
Ionian confederated cities, I. 507; Phocæa and her colonies, I. 511; Track of voyage, I. 515
Spitsbergen—from Barents' and Hondius' charts, XV. 129; as seen by Barents' and Hudson, XV. 123; Chart from Joris Carolus' "*Nieuwvermeerde Licht*," 1634, XVII. 631; J. Daniel's chart, XVII. 629; MS. map, 1614, XVII. 625; Purchas's map, XIV. 157
T-O map, XV. 380

GENERAL INDEX.

AA

- AA, Kurlandischen, Geologische Forschungen: E. von Toll, XII. 428 †
Aachen, Temperaturbeobachtungen: P. Polis, XIV. 675 †
Aaran, Geographisch-kommerzielle Gesellschaft: A. Frey, V. 402 †
Aarsagen til Instiden: F. Velschow, IX. 244 †
Abad, J. R.: Republica Dominicana, II. 383 †
Abadeh, Persia, VII. 172
Abagaza, tribe, Africa, I. 318
Abai: *see* Blue Nile
A-bantu skulls and crania, Study of: F. Shrubbsall, XIII. 455 †
Abassi, lake, Abyssinia, XII. 77; XVII. 214
Abaya, lake, Abyssinia, VI. 384; VIII. 222; XX. 384; *see* Regina Margherita
Abayila, supposed lake, E. Africa, IV. 506
Abbad, Wadi, Egypt, I. 409
Abbadi, tribe, N. Africa, XVI. 547
Abbadie, A. d', Arago medal presented to, IX. 227; Notice sur la vie et les travaux de: Hatt, XI. 459 †; obituary: E. G. Ravenstein, IX. 569
Abbasi, lake: *see* Abassi
Abbassia Observatory, Cairo, Report on Meteorological Observations, XIX. 232 †
Abbas-Tuman, Observatory, I. 173
Abbate Pasha, Dr.: De la prétendu sphéricité de la Terre connu des anciens Egyptiens, I. 571 †; Dongola et la Nubie, X. 551 †; Khartoum-Omdourman et la chute du Mahdisme, XIV. 459 †; La lumière et la chaleur considérées comme agents bien-faisants du climat d'Egypte, VI. 195 †; Mason Bey (biography), XIII. 99 †
Abbaya, lake: *see* Abaya
Abbe, C.: Capes of Carolina coast, VII. 319 §, 334 †, 557 §; Mechanics of Earth's atmosphere, II. 476 †; ditto: Collection of translations, III. 164 †; Physiographic features of Maryland, XVII. 557 †
Abbildung der Halbkugeln: A. Bludau, VII. 219 †
Abbott, H. B.: Census of India, 1891, Report, VII. 329 †

ABROLHOS IS.

- Abbott, Sir J., IX. 114 †
—— S., obituary: Broadfoot, III. 341
—— S. W., Geographical distribution of certain causes of death in Massachusetts, I. 470 †; Vital statistics of Massachusetts, XI. 570 †
Abdal, C. Asia, III. 453
Abd-el-Kuri, Indian O., XIII. 634
Abdul Mejid, journey to Pamirs, VIII. 251
—— Rahman; remarks on Johore, III. 297
Abels, G.: Altitudes of Alexandrovskay Sopka and Taganai, XII. 94 †
—— H.: Erdmagnetische Beobachtungen in Obdorsk und Samarowo, XVII. 89 †; observations on temperature and conductivity of snow, III. 145
Abercorn, C. Africa, I. 525
Abercrombie, mt., Alaska, XIX. 610
—— W. R., Copper River exploring expedition, XVIII. 233 †
—— and Capt. Glenn, Explorations in Alaska, XVIII. 233 †
—— Hon. R., biography: R. H. Scott, XI. 105 †
Aberdare, Lord, on geographical congresses, V. 372; obituary: Sir G. T. Goldie, V. 386; memorial to, VI. 564
Aberdare mts., E. Africa, XIV. 283; identity with Settima, IV. 424
Aberdeen and Banff, history: W. Watt, XV. 662 †
Ab-i-Bazuft, river, Persia, IV. 487
Ab-i-Burujird, Persia, IV. 491
Abich, H.: Caucasian travels, VII. 656 §; Reisebriefe, VI. 587 †
Ab-i-Gurab (Dinaran), Persia, IV. 488
Abingdon, rise of, X. 526
Ab-i-Panj (Panja, Wakhan), river, C. Asia, VIII. 47, 51; XIII. 442; source, IV. 563
Ab-i-Stada lake, Afghanistan, IX. 400
Abkhazia, Ethnographical sketch: N. von Seidlitz, IV. 184 †; typical features of forests: N. Alboff, III. 140
Abo-toge pass, Japan, VII. 128
Abrek, Egypt, I. 410
Abreu, D': Discovery of Moluccas, VII. 365
Abrolhos Is., Houtman's: R. Helms, XII.

B

ABR

- 637 †; relics in, III. 519; tragedy of, XII. 215 †
- Abr Shebba, Arabia, XII. 48
- Abruzzi, Duke of, Arctic explorations, XI. 302; XIII. 542, 664; XVI. 480, 566, 597; XVIII. 282; Farther North than Nansen, XIX. 779 †; Ritorno della spedizione polare di il Duca degli Abruzzi, XVI. 703 †; Voyage of the Polar Star, XVIII. 458 †; ascent of Mt. St. Elias, X. 214, 443 (*see also* Filippi, F. de); biography: W. Wolkenhauer, XVII. 217 †; medal awarded to, XVIII. 98
- , Gli: K. Hassert, XI. 449 †; Die Abruzzan, IX. 458 †
- Absaroka range, Early Tertiary volcanoes of: A. Hague, XIV. 339
- Abs, tribe, Oman, XVIII. 492
- Abu Bekr: Pilgrimage and account of death of Gen. Gordon, II. 452
- Abu Gurdi, Egypt; cataract rocks, I. 413
- Abulfeda; account of Kais, VII. 648; of Siraf, VI. 172
- Abulkassim, mt., Sudan, XX. 377
- Abu Racan, Egypt: plantation, XV. 25, 26
- Ramle, Egypt: dunes, XV. 9
- Aburrow, C.: Report . . . of Johannesburg Board of Health, VIII. 532 †; of Johannesburg Sanitary Committee, VII. 215 †
- Abu Thabi, Oman, XIX. 55, 59
- Abu Zeid (Sayyid), account of Siraf, VI. 171
- Abyssapolis, ancient town, Arabia, VI. 125
- Abyssinia** (*see also* Ethiopia)—
- Abessinien als Goldland: K. von Bruchhausen, XIX. 771 †
- Abessinien und seine Bedeutung für unserer Zeit: E. F. A. Münzenberger, II. 473 †
- Abessiniens Grenzen: R. A. Hermann, XX. 354 †
- Abessinier in Arabien und Afrika, E. Glaser, VI. 582; † VII. 450 §
- Abyssinia: V. Fedoroff; trs. W. E. Gowan, VIII. 310 †
- and Egypt: L. Reinisch, IX. 314 *
- as a factor in re-settlement of Soudan, etc.: V. Fedoroff, XIII. 91 †
- country and people: O. T. Crosby, XVII. 552 †
- Abyssinian languages: G. Schweinfurth, III. 71 †
- Aitjopija: F. J. Bieber, XIX. 770 †
- Bemerkungen zur Geschichte Abessinien, etc.: E. Glaser, IV. 577 †
- Bergücken Kaiser Nikolaus II., XV. 296 †
- Boundary, Anglo-Abyssinian, XI. 669
- Chemin de fer français en Abyssinie: G. de la Genardière, XII. 433 †
- Die heutige Lage der Italiener in Abessinien: P. Paulitschke, VII. 442 †

ABYSSINIA

Abyssinia—continued.

- Ethiopie: L. Darragon, XII. 209 †
- Rouire, X. 551 †
- ; Agriculture, voies de communications, avenir économique: C. M. Michel, XX. 124 †
- ; Intérêts anglais et français: C. Michel, XVII. 552 †
- Provinces équatoriales: G. de la Genardière, XII. 209 †
- , Question d', XVII. 552 †
- Futūh el-Hābacha: A. d'Abbadie et P. Paulitschke, XIII. 454 †
- Galla of Walega and the Bertat: R. Koettlitz, XVII. 552 † §
- Geology and Anthropology: R. Koettlitz, XV. 264 *
- Il concetto dell' unità etiopica: R. Perini, XVIII. 108 †
- Impressions d'Abyssinie: H. Leymarie, XII. 630 †
- Issas et Adals: E. de Ponceins, XII. 209 †
- Italian territory in, VIII. 637
- Jets over de Vetrekkingen tussehen Nederland en Abyssinie in de zeventiende eeuw: E. Littmann, XX. 668 †
- Le Dembélas: C. Airaghi, VII. 678 †
- Maps—Carta nell' Eritrea o Regione Limitrofe, VII. 450; I Fiumi Omo e Baro, secondo una Carta Abissina: M. Sacchi, V. 283 †; Nubia and Abyssinia (Dongola Exp.): W. and A. K. Johnston, VII. 573 †; Schizzo del Teatro della Guerra Italo-Abissina, VII. 573 †; Schizzo Dimostrativo della Regione compresa tra Massaua-Adua-Cassala, IX. 471 †
- Ménélik et Nous: H. Le Roux, XIX. 654 †
- Modern Abyssinia: A. B. Wyld, XVII. 552 †; XVIII. 297 §
- Photographs: R. G. T. Bright, XVIII. 248; C. W. Gwynn, XVIII. 654; M. S. Wellby, XV. 203
- Ricerche e studi sull' Etiopia: C. Rosini, XV. 437 †
- Sacred City of the Ethiopians: J. T. Bent, III. 71 †
- S. highlands, I. 485
- Sguardo sull' . . . : L. Reinisch, X. 340 †
- Tentatives des Franciscans . . . dans la Haute Ethiopie: F. Romanet du Caillaud, VIII. 530 †
- Treaties, XI. 293; XII. 97 †
- Tribes, XV. 267
- Verkehrsentwicklung in Aethiopien: A. Ilg, XVII. 90 †
- Exploration (*see also* Africa, N.E.)—
- Austin, Bright and Gwynn: Frontier expeditions, XVIII. 533
- Beke, IX. 598
- Belgian and French, XVIII. 89
- Bent, J. T., I. 457; II. 21

ABYSSINIA

Abyssinia—*continued*.

- Blundell, H. W.: Abyssinia to the Nile, XV. 97*; XVI. 124†
- Bonchamps, C. de: Mission de, XII. 316, 541†; XV. 177; Mission vers le Nil Blanc, XIII. 679†; Mission de Bonchamps, de Djibuti au Nil Blanc, etc.: C. Michel et J. Hansen, XVII. 222; Do., Vers Fachoda à la rencontre de la Mission Marchand: C. Michel, XVII. 552†; XVIII. 299§; Résultats géographiques: C. Michel, XVI. 476§, 487†
- Bourg de Bozas, Vicomte: Voyage au pays des Aroussi, XIX. 755, XX. 229§, 557†
- Buchs, V.: Voyages en Abyssinie, X. 456† XIV. 117†
- Bulatovich, A. K., XIV. 663; Dall' Abissinia al lago Rodolfo per il Caffa, XV. 438†
- Cerroti, O.: Il secondo viaggio in Abissinia del Mashcov, V. 282†
- Darragon, L.: Exploration de l'Abyssinie méridionale, XII. 77, 433†; Viaggio del: G. Roncagli, XII. 433†
- Erlanger, Baron, and O. Neumann, XVII. 190, 528; XVIII. 214; XIX. 87; Reise in den Galla-Ländern, XVIII. 330†; in Nordost-Afrika, XVI. 581†; XVII. 677†; Spedizione e relativo soggiorno in Abissinia e nei paesi dei Galla e dei Somali, XX. 354†
- Fournet, M., XX. 655
- Gentile, N.: Escursione nel Co-Hain, IV. 86†
- Gleichen, Count: With the Mission to Menelik, XI. 452†
- Harrison and Whitehouse, XV. 533
- Le Roux, H.: Expedition to W. borders, XVIII. 533; Explorations in S. Abyssinia, XIX. 87; Itinéraire d'Addis-Ababâ au Nil Bleu, XIX. 397†; Voyage au Ouallaga, XX. 124†
- Leontieff, Count: Exploration des provinces équatoriales d'Abyssinie, XVI. 558§, 579†
- Macaire, S. K.: Mon voyage en Abyssinie, X. 551†
- Menelik's Dominions, etc.: M. S. Wellby, XVI. 292*, 698†
- Neumann, O.: From the Somali coast through S. Ethiopia to the Sudan, XX. 373*
- Orleans, Prince H. d': Visite à l'Empereur Ménélik, XIII. 454†; Voyage du: de Poncins, IX. 197†, 453†
- Russian explorations, V. 168; XIV. 664
- Sporting trip through Abyssinia: P. H. G. Powell-Cotton, XIX. 770†
- Through the Lion-Land to the Court

ADAMAWA

Abyssinia—*continued*.

- of the Lion of Judah: H. Vivian, XVII. 552†
- Vanderheyn, J. S.: Expédition avec le Négous Ménélik, VIII. 92†
- Vignéras, S.: Mission française en Abyssinie, X. 456
- Wellby, M.S., XIII. 74, 303, 533; Menelik's dominions, etc., XVI. 292*, 698†; Twixt Sirdar and Menelik, XVIII. 456†; XIX. 197§
- Academy glacier, Greenland, XI. 224
- Acarai mts., Guiana, XVII. 355
- Acclimation des Européens dans les régions tropicales: L. W. Sambon, XVII. 565†
- Acclimatization of Europeans in Tropical Lands: L. W. Sambon, XII. 589* .
- : W. Ripley, VIII. 643
- Acha, J. A.: De las Andes al Amazonas, XX. 532§, 561†
- Achewa, tribe, C. Africa, XI. 517
- Achik-kul, Tibet, IX. 550
- Achill, L. A. Holiday in the Far West: A. J. Hayes, V. 86†
- Achin, General account of: G. Schott, I. 556†
- Achipeta, tribe, C. Africa, XI. 517
- Achray, Loch: soundings, XV. 321, 351; temperatures, XV. 334
- Ackermann, E.: Au pays du Caoutchouc, XVII. 679†
- Acland, J. B.: Explorations in New Zealand Alps, I. 39; Growth of our Seaports, XI. 90†
- Aconcagua, Sir M. Conway on, XIV. 26; Aconcagua and Tierra del Fuego: Id., XX. 561†, 644§
- E. A. Fitzgerald on, IX. 223; X. 96, 469, 567; Expedition to, VIII. 517, XI. 455†; Exploration on and around, XII. 469*; XIII. 95†; Record of first ascent of, Highest Andes, XV. 84†
- S. Vines: Ascent of Aconcagua and Tupungato, XV. 196†
- Acoustics—Akustisch-Geographische Probleme: S. Gunther, XIX. 406†
- Active: Voyage to Antartick, II. 433
- and Balena, Cruise in Antartick Seas: W. S. Bruce, VII. 502*; C. W. Donald, VII. 625*
- Active sound, Antartick, VII. 632
- Ada river, Darfur, VII. 428
- Adabai river, Abyssinia, XV. 103
- Adair, F.: Big Game of Baltistan and Ladakh, XVII. 550
- Adam af Bremen: S. Lönborg, XI. 105†
- Adam, C. et H.: Lettres de C. Huygens à Descartes, VII. 222†
- Adamawa, III. 43, 415; German progress in, XIV. 565
- Adamaua: S. Passarge, VI. 583†; VII. 272§
- German expedition to: S. Passarge, V. 50*

ADAMAWA.

Adamawa—continued.

- Land und Leute an der Südgrenze Westadamauas, XVI. 580 †
 Travels in: H. Porcher, I. 84 †
 Völkerstämme an der Südgrenze Adamauas: Hutter, XIV. 337 †
 Wute-Adamaua Feldzug: Haupt. von Kamptz, XV. 551 †
 Adamello, Geologisch - petrographische Studien im: W. Salomon, IX. 675 †
 — und St. Gotthard: W. Salomon, XIV. 221 †
 Adams, A.: W. Rajputana States, XV. 192 †
 —, C. C.: Lieut. Peary's Arctic work, II. 303 †; Railroad development in Africa, I. 469 †; Text-book of Commercial Geography, XIX. 408 †, 747 §; Tropical Africa as a factor in civilization, IV. 190 †
 —, F.: The Australians; Social sketch, II. 92 †
 —, Father: journeys N. and E. of Lake Nyasa, XIII. 432
 —, F. D.: Biography of G. M. Dawson, XVIII. 242 †; of Sir W. Dawson, XV. 303 †, 557 †; Embankments of the Po, VIII. 412 †; Excursion to Pyrenees in connection with Eighth International Geological Congress, XVIII. 103 †; Report on Geology, N. of Island of Montreal, IX. 682 †
 —, G. I.: Physiographic Divisions of Kansas, XX. 359 †
 —, H. B.: Jared Sparks and Alexis de Tocqueville, XIV. 340 †
 — and Wood, H.: Columbus and his Discovery of America, I. 187 †
 —, H. C.: Railway Mileage of the World in 1890, II. 69
 —, I.: Persia by a Persian, XIX. 769 †
 —, P. A. M.: Uhehe und das Land bis zum Nyassa-See, XIII. 563 †
 —, W., und sein "Grab" in Hemimura: L. Reiss, XX. 472 †
 Adamson, D. B.: Yquitos, XII. 328 †
 Adare, Cape, Victoria Land, V. 587; XVI. 383; XVII. 482
 Adatara in Japan, Ausbruch der Vulcans: M. Yokoyama, XVIII. 106 †; Eruption of: N. Kanakara, XX. 123 †
 Addis Abbeba, XV. 98, 102; XVI. 293; hot springs near, XV. 266; position, XIV. 564; XIX. 507; trade (Foreign Office Rep.), XVII. 75 §, 90 †
 Addu, Maldive Is., XIX. 281
 Adeape, E. S.: obituary, XX. 664
 Adelaide Observatory, Meteorological observations: C. Todd, XX. 249 †
 Adelsberg, grotto of, IV. 60; Survey sketch of environs: C. A. Martel, III. 257 †
 Aden, Harbour: W. S. Child, IV. 187 §, 361 †
 — Penins., surveys, III. 330; VI. 28; G. P. Tate, IV. 175; Capt. Wahab, II. 154

ADVENT

- Adi, Wadi, Arabia, VII. 522
 Adiaman, Asia Mi., VIII. 322
 Adige—Die Etsch: A. Penck, VII. 109 †
 Adim, Wadi, Arabia, IV. 329
 Adirondacks, XIII. 513; and Champlain Valley, Glacial Phenomena: I. H. Ogilvie, XX. 560 †; Aux Laes français des: G. de Beaumont, XVIII. 457 †
 Adish glacier, Caucasus, V. 378
 Adjai Chai, Asia Mi., XIV. 508
 Adler, B.: Neuesten russischen Seenforschungen in Westsibirien, XIX. 397 †; North German Lowland, XVII. 554 †
 —, C.: Goode Memorial Meeting, IX. 583 †; International Catalogue of Scientific Literature, XIV. 466 †
 —, E. N.: Bird's eye view of Trans-Caspian, XII. 208 †
 Admiralty Charts: *see* Charts
 — Chart Agency, XVII. 539
 — List of Lights, 1896, VIII. 196 †; IX. 689 †
 — Soundings, X. 544
 — Surveys: 1893, II. 22; IV. 26; 1894, VI. 22; 1895, VIII. 54; IX. 655; 1897, XII. 70; 1898, XIV. 83; 1899, XVI. 90; 1900, XVIII. 81; 1901, XIX. 742
 — Surveys, Report: Sir W. Whar-ton, XIV. 343 †
 — Is.: nomenclature, XV. 425
 Adolf haven, New Guinea, XX. 659
 Adour river, change of course, XIV. 406; Embouchures et les lits anciens de l': C. Duffart, IX. 557, 573 †
 — et le Plateau landais: L. A. Fabre, XX. 666 †
 Adrar—M. Blanchet's Expedition, XVI. 227, 683; Dr. Dereims on, XVII. 72, 332 †; M. Jouinot-Gambetta on, XVIII. 330 †; G. Donnet's expedition, IV. 176
 Adriani, N.: Mededeelingen omtrent de Toradja's van Midden Celebes, XIX. 397 †
 Adrianopoli, Il vilayet di: O. Gaetani, XI. 308 †
 Adriatic Sea—
 — Austro-Hungarian health resorts on: E. Geleisch, II. 276 †
 — Bora in: Lieut. Kessler, XX. 650
 — Direzione delle correnti fluviali e di riflusso in relazione alla corrente litoranea dell' Adriatico: G. L. Bertolini, XX. 119 †
 — Gezeitenkolk im Adriatischen Meere: Halbfass, VIII. 425 †
 — Seeboden-Relief des Adriatischen Meeres: J. Luksch, XIX. 103 †
 — Temperatura della superficie del Mare Adriatico: A. Gavazzi, X. 554 †
 — Temperatura e del colore delle acque fatte nell' Adriatico: A. Riccò e G. Saija, XIV. 123 †
 Adulis, Red Sea, II. 140
 Adura river, Abyssinia, XVII. 499
 Advent bay, Spitsbergen, IX. 355; XII. 138; XIV. 63

ADVENTURE

- Adventure Land, Spitsbergen, XII. 148
 Adye, J.: Past and Future of Gibraltar, VI. 580 †
 Adyrsu, Climbs among Peaks of: H. W. Holder, XI. 196 †
 Aegean Sea—Das Agäische Meer: G. Schott, VI. 291 †; Islands of, Philippson's investigations, XVIII. 211; Beiträge zur Kenntniss der griechischen Inselwelt: Philippson, XVIII. 225 †; Description des Isles de l'Archipel: C. Buondelmonti, XII. 321 †; Griechischen Inseln des Agäischen Meeres: Philippson, X. 451 †; see Cyclades
 ——— and Dardanelles, Hydrography, III. 510 *
 ——— and Sea of Marmora: *Pola Deep Sea Explorations*, I. 365
 Aërial Navigation: A. S. White, VIII. 533 †
 Aëronautical Work: L. Hargrave, IX. 346 †
 Aëronautics: see Ballooning
 Aero-physical Observatory, Equipment of: A. McAdie, X. 233 †
 Aetolia; geography, etc.: W. J. Woodhouse, XI. 192 †
 Aff Madu, Somaliland, IX. 57
 Afonso V. of Portugal, IX. 207
Afghanistan—
 Afghanistan: N. Syркин, XVIII. 634 †
 At the Court of the Amir: J. A. Gray, VII. 212 †
 Experience at the Court of: J. A. Gray, III. 345 †
 Geographical terms: letter from H. G. Raverty, XIII. 83
 Key to India, The: A. R. Colquhoun, XVI. 246 †, 485 †
 Notes on Afghanistan, etc.: H. G. Raverty, I. 162 §; VII. 547 §
 Photographs: A. C. Yate, XI. 331; Afghan-Baluchistan Boundary: G. P. Tate, IX. 588
 Recent Journey in: Lord Curzon, VIII. 308 †
 Southern Borderlands of: A. H. McMahon, IX. 393 §; X. 227 †
 Unexplored Areas, II. 490
 Vers les Indes: J. Winnicki, XIII. 676 †
 Volcanoes near Baluchistan-Afghan Frontier: McMahon, X. 558
 Frontiers—work on, V. 271; frontier with Baluchistan; photographs: G. P. Tate, IX. 588; with India, III. 422; Kushk river dispute, I. 454; with Russia, XIII. 470
 Anglo-Afghan frontier agreement, VII. 546, 674
 Anglo-Indian "Caucasus"; English collisions with frontier tribes: N. A. Aristoff, XVII. 88 †
 Frontière Indo-Afghane: A. Foucher, XVII. 549 †
 On the Afghan frontier: A. Serebrennikov, XVI. 666 *

AFRICA, GENERAL

Afghanistan—continued.

Maps—

- Baluchistan and Afghanistan; Orographic Map: Sir T. Holdich, XVI. 527 *; XVII. 319 †; correction to, XVI. 682
 Politisch-militärische Karte von Afghanistan, Persia, etc.: P. Langhans, XIX. 114 †
 Afghans, XII. 354; XVII. 468; Independent Afghan or Patan tribes: H. G. Raverty, III. 530 †

Africa, General—

- Actual Africa; or the Coming Continent: F. Vincent, V. 605 †
 Africa in 1897: R. N. Cust, X. 649 †
 ——— in the Nineteenth Century: E. Sanderson, XIII. 91 †
 ——— north of the Equator: A. E. Pease, VIII. 310 †
 ——— since 1888: Hon. G. G. Hubbard, VIII. 310 †
 African Incidents: A. B. Thruston, XV. 666 †
 ——— Society and its Journal, XIX. 85
 ——— Subjects of Special Interest, Notes on: Sir H. H. Johnston, XIX. 398 †
 Afrika: W. Sievers, VI. 487 †; Zweite Auflage: W. Sievers und F. Hahn, XIX. 771 †
 Chicago Congress on Africa: F. P. Noble, III. 160 †
 Geography of Africa: E. Heawood, IX. 340 †, 446 §
 New Africa, The: A. Schulz and A. Hammar, X. 175 §, 229 †
 Papers on Africa: British Association, II. 329
 Pitman's New Era Geography Reader, XVII. 675 †
 Acclimatization, Health, etc.—
 Acclimatization, X. 315
 ——— of Europeans in tropical lands: L. A. Sambon, XII. 589 *
 Arrow-poison, antidote, X. 639
 Geographical Distribution of Tropical Diseases: R. W. Felkin, V. 605 †
 Guide to Health: T. H. Parke, II. 379 †
 Health in Africa: C. F. Harford-Battersby, XII. 642 †
Climatology—
 Climate and Floral Regions in: G. F. Scott Elliot, I. 566 †; Reports of Committee: E. G. Ravenstein, VI. 385 §, XI. 70; XII. 378; XIII. 559 †; XIV. 226 †, 547; XV. 420 §; XVI. 249 †; XVII. 552 †; XVIII. 509
Coasts—
 African Pilot: Revised Supplements, VIII. 92 †; XVII. 210 †

AFRICA, GENERAL**Africa, General—continued.**

Souvenirs of the African Coast: Baron

E. de Mandat Grancey, I. 182 †

Surveys, 1837, IX. 591

—, Admiralty, XVIII. 82

Colonization, exploration, etc. (*see also*
Political Geog., *below*)—

Africa as a field for colonial enter-
prise: G. F. Scott-Elliot, VII.
112 †, 660 †

African Adventure, An: A. B. Koe,
XII. 541 †

Afrikaforschung seit dem Jahre 1884:

A. Schenck, XII. 433 †; XIII. 679 †

Avenir de l'Afrique: G. Hanotaux,
XX. 124 †

Cape to Cairo, The: "Daily Tele-
graph" Expedition, XVI. 351, 558;
XVII. 75; E. S. Grogan and A. H.
Sharp, XVI. 699 †; J. T. Wills,
XIII. 455 †; Through Africa from:
E. S. Grogan, XVI. 164 *, 699 †

Colonization of Africa by alien races:
Sir H. H. Johnston, XIII. 419 §,
455 †

En Afrique avec la Mission Coillard:
A. Bertrand, XV. 666 †

Expéditions anglaises en Afrique:
Septans, X. 120 †

French expeditions, various, II. 20;
X. 213, 539; XIII. 2

Geographical progress, II. 484; IV. 23;
X. 314, 566; XVI. 599; during reign
of Queen Victoria, XVII. 236 *

Geographischen Forschungen und
Reisen in 1899: O. Lenz, XVI.
579 †; *do.*, 1901: F. Umlauf, XX.
675 †

Geographische Ortsbestimmungen:
L. Ambrohn, X. 121 †

Im Afrikanischen Urwald: F. Thon-
ner, XIII. 322 †

In Dwarf Land and Cannibal Country:
A. B. Lloyd, XVI. 369 †

India and Africa: F. E. Young-
husband, VIII. 310 †

Nos explorateurs Africains: "A. M.,"
VII. 339 †

Pioneers, The African: P. Oliver,
VII. 331 †

Portuguese colonization—As colonias
Portuguezas: E. de Vasconcellos:
X. 178 §; XI. 208 †; Colonias portu-
guesas dans l'Afrique, etc., XII.
331 †; Portuguese knowledge of
Africa in 16th and 17th centuries,
VII. 202

Pourquoi Flatters et ses compagnons
sont morts: H. Schirmer, VIII. 418 †

Prince Henry the Navigator's Dis-
coveries, III. 394

Round the Black Man's Garden: Z.
Colville, II. 186 †

Story of Africa and its Explorers: R.
Brown, I. 182 †; II. 563 †; IV.
470 †; V. 509 †

AFRICA, GENERAL**Africa, General—continued.**

Scoperte geografiche del Secolo XIX.:

F. Porena, XVI. 579 †

Three years in savage Africa: L.
Dècle, XI. 569 †; XII. 302 §

Through the heart of Africa from S.
to N.: A. St. H. Gibbons, XX. 354 †

Transformation of Africa: J. Halligey,
XV. 81 †

Traversée du continent noir: E. Miot
IX. 576 †

Under the African Sun: W. J. An-
sorge, XIV. 117 †

White Man's Africa: P. Bigelow, XI.
314 †

With Emin Pasha in the heart of
Africa: F. Stuhlmann, III. 161 †

Ethnology—Capabilities of natives, VII.
386; migrations, VI. 468

Afrikanische Pfeil, Der: K. Weule,
XIV. 680 †

Civilizations, Origin of: L. Fro-
benius, XVII. 552 †

Dwarfs—On the Dwarfs of: O. Lenz,
IV. 188 †; Populations naines de
l'Afrique: R. Dubreucq, XIV.
117 †; Pygmées Négrilles d'Afrique:
Le Roy, XIV. 227 †; Sogenannten
Zwergvölker Afrikas: O. Lenz, V.
606 †; VI. 468 §; Sui cosiddetti
"popoli nani" dell'Africa: O. Lenz,
X. 228 †

Eingeborenen Afrikas: A. Nachtigal,
X. 649 †

Essay on progress of Philology to
1893: R. N. Cust, II. 563 †

Ethnology: E. Heawood, VI. 465 *

Fortifications of Natives: L. Hösel,
I. 376 †; II. 67

Geschichten und Lieder der Afri-
kaner: A. Seidel, VII. 678 †

Hamitic Race in: Sergi, X. 178 §

Mancala, National Game of: S. Culin,
X. 649 †

Masken und Geheimbünde Afrikas:
L. Frobenius, XV. 296 †

Modern Bundoism and kindred in-
stitutions in pagan Africa: F.
Snelson, XIV. 458 †

Neglected source of labour in Africa:
J. G. B. Stopford, XX. 557 †

Negroes, characteristics, VI. 466

Notes on some African structures
(architecture): J. T. Last, IV. 470 †

Organization der afrikanischen Arbeit:
C. Peters, XVIII. 639 †

Problem of Races in Africa: H. Els-
dale, VII. 678 †; *Do.*: Miss H. E.
Colenso, XI. 94 †

Questions concerning law customs of
African natives, VIII. 310 †

Sociétés Africaines, Les: A. de Pré-
ville, IV. 86 †; VI. 465 §

Ursprung der Afrikanischen Kul-
turen: L. Frobenius, XII. 433 †

Use of Bow and Arrow in Africa and

AFRICA, GENERAL

Africa, General—continued.

New Guinea: J. D. E. Schmeltz, I. 90 †

Völkerbewegungen: K. Barthel, IV. 578 †; VI. 468 §

Fauna—the "Jigger," XII. 414; large mammals, VII. 285; Preservation of Elephants: A. Sharpe, XIII. 569 †; of wild animals, XVI. 105

Ausbreitung des Sandflohs: P. Hess, XIV. 680 †

Ethiopian Faunal Region, VII. 282 *

Ostrich, Distribution of: J. Forest, IV. 86 †

Zebra, Apparently new Species of: P. L. Slater, XVIII. 327 †

Zoo-geographischen Regionen auf dem Kontinent Afrika, Entstehung der: H. J. Kolbe, XIX. 654 †

Flora—

Pflanzengeographie der Africa: G. Andersson, XIX. 779 †

Rubber plants, R. Schlechter's study of, XIV. 445; Westafrikanische Kautschuk-Expedition: R. Schlechter, XVIII. 306 §

Welwitsch's collection of plants: catalogues, XI. 93 †; XV. 83 †

History—

Afrikas Angliederung an die europäische Culturwelt: R. Rümpe, XIV. 680 †

Afrique en 1800 et en 1900: M. G. Vasco, XVII. 675 †

Aménagement de l'eau et l'installation rurale dans l'Afrique ancienne: M. du Coudray la Blanchère, XI. 197 †

Arabian records, XII. 261

Circumnavigation, related by Herodotus; A. W. Stiffe on, XVII. 203

Eldorado of the Ancients: C. Peters, XX. 529 §

History and Description of Africa: Leo Africanus, ed. R. Brown, VIII. 530 †; annotated ed.: C. Schefer, XII. 433 †; XIII. 559 †

Kenntnis Afrikas im Altertum: H. Trant, XVIII. 639 †

Literature—

Reviews of books: E. Heawood, VII. 270; VIII. 678; X. 172; XII. 300; XIII. 412; A. H. Keane, XVIII. 297

Maps and Surveys—

Dutch—Ancient, published at Amsterdam: C. Peters, VII. 202, 214 †

English—Bacon's Excelsior Atlas, VIII. 656; Bartholomew: Political map, VIII. 314; XII. 108 †; XIII. 223 †; Fees: School Wall map, I. 287 †; Flemmings Generalkarten, No. 43: A. Herrich, I. 94 †; III. 167 †; Sir E. Hertslet: Map of Africa by Treaty, V. 606 †; appendix, etc., IX. 576 †; Johnston: General map, XVII. 329 †; Philip: Treaty

AFRICA, GENERAL

Africa, General—continued.

Boundaries, XII. 644 †; General map, XV. 306 †; War Office maps, XIX. 664 †, 786 †; XX. 253 †, 567 †

French—Afrique, 1895 (Soc. de Géog. de Paris), VI. 203 †; Carte de l'Afrique: Service Géog. de l'Armée, I. 287 †; V. 611 †; VIII. 655 †; IX. 118 †, 691 †; XI. 463 †; XII. 109 †, 644 †; XIII. 574 †; XVI. 262 †; XVII. 568 †; XIX. 665 †

German—H. Habenicht, I. 94 †

Italian—Africa a base fisica: G. Cora, XIX. 245 †

Geographical Surveying, XVIII. 590 *

How are we to get maps of Africa? Sir T. H. Holdich, XVIII. 590 *

Kartenaufnahmen in Afrika: H. Behrens, XX. 354 †

Surveys, XIX. 376; German, VI. 282; incorrectness of longitudes, II. 426; necessity for, II. 487; VI. 20; F. Stuhlmann's Work, I. 69; Topographical, XIX. 398 †; do., resolution by Congress on, VIII. 292

Triangulation of Africa: E. F. Chapman, V. 467 †, VII. 414, 550

Nomenclature—

Erklärung einiger . . . Ortsnamen: C. Velten, XVI. 488 †

Orthography of Names: L. Sevin-Desplaces, II. 186 †; System of, for Congo State, XII. 85

Physical Geography—

Desiccation of Lakes and Rivers, VII. 367; R. Sieger on, I. 84 †, 358 §; Zur Frage der Austrocknung Afrikas: P. Reichard, VII. 112 †

Geological changes, V. 122

Laterite und Roterden in Afrika und Indien: S. Passarge, VIII. 425 †

Method of obtaining salt, I. 458

Rivers—navigability, VIII. 492; River-basins of Africa and Asia, Areas: A. Bludan on, XI. 61

Volcanic agencies: H. Meyer, II. 186 †

Political Geography (see also Africa, Central—

Africanists in Council: A. S. White, VI. 487 †

African Wastes reclaimed: R. Young, XIX. 771 †

Future of Africa: C. Peters, X. 228 †

Invasion européenne en Afrique: E. Foa, XIV. 226 †

New African crisis with France and Germany, IV. 188 †

Partition of Africa: J. Scott Keltie, I. 280 †; V. 605 †; M. L. Malavialle, I. 280 †; A. S. White, IV. 188 †; Partage de l'Afrique: V. Deville, XI. 453 †; XII. 306 §; Protectorats et sphères d'influence en Afrique: F. van Ortruy, XIII. 418 §, 455 †

State of Africa at time Queen Victoria's accession, IX. 599, 598

AFRICA, GENERAL

Africa, General—*continued*.

Territorial arrangements : E. G. Ravenstein, IV. 54 *

Treaties : Convention between U.K. and France, XV. 83 †; Convention(s) franco-anglaise(s), XIV. 337 †; Do. : E. Rouard de Card, XVII. 676 †; Map of Africa by Treaty : Sir E. Hertslet, V. 606 †, IX. 576 †; Treaty-making in Africa : Sir F. D. Lugard, I. 53 *

British—Britain in Africa : M. Seton, XIV. 336 †; Br. Africa (Br. Empire Series), XV. 81 †; Englischen Colonial-Besitzes : R. Rumpé, XIII. 455 †; Extension of British influence : Sir F. Lugard, VII. 112 †; Imperial Africa : A. F. Mockler-Ferryman, XII. 541 †; XIII. 413 §; Politique anglaise et l'Afrique; Leblond, XVIII. 639 †; Trade, X. 440; *see also* Africa, Central

Dutch work in : J. Veth, I. 567 †

French : Colonization africaine et le chemin de fer de Madagascar : A. Duponchel, XI. 568 †; Explorations françaises en Afrique en 1896 : C. Maunoir, IX. 340 †; do., récentes, XVIII. 550 †; Français en Afrique au XIX^e siècle : C. Simond, XIX. 398 †; Frankreichs Afrikabesitz : R. Rumpé, XII. 210 †; French enterprise in Africa : Hourst, XIII. 455 †

German—Abgrenzung unserer afrikanischen Schutzgebiete : H. Singer, XIX. 528 †; Allemands en Afrique, Les : J. Peltzer, IX. 105 †; Beiträge zur Kenntniss der Deutschen Schutzgebiete (map) : Langhans, XV. 202 †; Colonies Allemandes d'Afrique, Les : G. Vasco, XVIII. 329 †; German methods of development in : C. T. H. Wright, XIX. 399 †; Geologie der Deutschen Schutzgebiete in Afrika; F. Kossmat, XI. 314 †; Navigabilité des Cours d'eau dans les Colonies allemandes d'Afrique, XX. 356 †; Proposed German barrier across Africa : J. W. Gregory, VII. 332 †; Trade of German Protectorates : A. Zimmerman, XIX. 656 †; Verkehrsverhältnisse in den deutsch-afrikanischen Schutzgebieten : D. Schwabe, XX. 558 †; Weissbuch, Sechzehnter Theil, VII. 442 †

Italian—Der Wert von Italienisch-Afrika, VIII. 311 †; Possessi i Protettorato in Africa, VII. 443 †

Portuguese—Afrique lusitanienne : G. Vaes, XIV. 337 †; Etudes sur les colonies portugaises : H. Hauser, XVII. 211 †; Padroado de Portugal em Africa : Bishop de Himeria, VII. 443 †

AFRICA, CENTRAL

Africa, General—*continued*.

Spanish—Colonias españolas en Africa : D. M. Conrotte, XVIII. 110 †

Railways—

Afrikanische Transcontinentalbahn : G. Hayek, XIV. 226 †; Chemins de fer en Afrique, XII. 433 †; Eisenbahnen in Afrika : D. Kurehloff, XVII. 675 †; Railroad development : C. C. Adams, I. 469 †; Railways in Africa : L. Darwin, VIII. 488 *; Trans-afrikanische Eisenbahn, XIV. 226 †

Trade—

Consular reports, IX. 561; X. 440; export of ivory and caoutchouc, V. 273; general progress, XV. 418; shipping, XIV. 117 †; Commercial Africa in 1899, Commerce of U.S.A., XV. 550 †; Development of Tropical Africa : Sir G. Baden-Powell, VII. 679 †; Kautschukproduktion Afrikas : E. Friedrich, XVII. 675 †; La Golconde africaine : J. Leclerc, V. 283 †; Liquor traffic : F. W. Lugard, XI. 92 †; Slave trade, VIII. 491; correspondence on, XVI. 589 †; Slavery and the Slave trade : Sir H. M. Stanley, I. 567 †

Africa, Central (Equatorial)—

Aequatorial und Süd-Afrika nach einer Darstellung von 1719 : C. Peters, VII. 202 §, 214 †; Afrique équatoriale : A. Poskin, X. 649 †; XII. 305 §; C. Africa since death of Livingstone : W. G. Blaikie, X. 649 †; Chartered Government in : A. S. White, III. 160 †; Climate : *see* Africa, General; Delimitation of British and French spheres, XIII. 524 *; Development of C. Africa from the East : A. G. Spilsbury, XX. 245 †; England's work in : Sir H. H. Johnston, IX. 340 †; Geology and Climate, I. 116; Health Hints : H. Waller, I. 566 †; How to live in Tropical Africa : J. Murray, V. 282 †; malarial fevers, XII. 603; Place-names : D. Crawford, II. 68; Photographs : P. Weatherley and D. Crawford, XII. 112; D. Crawford, XIV. 352; Protectorates of Great Britain in Tropical Africa : Sir H. H. Johnston, XIX. 655 †; Question musulmane dans le Centre africain : P. Dornin, XX. 557 †; Reality *v.* Romance in : J. Johnston, III. 533 †

AFRICA, CENTRAL

Africa, Central (Equatorial)—*continued*.

- Rechteckigen Schrägdachhütten Mitteleafrikas: E. Hösel, V. 282 †
- Telegraph line, Projected, I. 67
- Traité en Afrique centrale: H. Schirmer, VII. 442 †
- Steamers on lakes of, I. 68, 270; IX. 327; X. 441; XIV. 566; XVII. 430; XIX. 601
- Tropical Africa as factor in civilization: C. C. Adams, IV. 190 †
- Universities' Mission report, XII. 433 †; XVI. 249 †
- Exploration, etc.—
- After big game in C. Africa: E. Foa, XIV. 459 †
- Among swamps and giants in Equatorial Africa: H. H. Austin, XX. 559 †, 642 §
- A travers l'Afrique centrale: E. Foa, IX. 462 †; X. 177 §, 539; do.: C. Maistre, V. 607 †; VII. 271 §
- Beobachtung auf der Ubena-Nyassa Expedition: G. Lieder, V. 182 †
- Bericht über seine Reisen in Ost- und Central Afrika: O. Neumann, VI. 296 †
- Colonizzazione dell' Africa tropicale: P. Sitta, VII. 333 †
- Congo au Nil, Mission, conférence du Comm. Roulet, XVIII. 550 †
- Coryndon, R. T.: expedition, III. 425
- Country E. of junction of Sabi and Odzi rivers: Rev. G. Knight-Bruce, I. 344 *
- Dans la grande forêt de l'Afrique centrale: F. Thonner, XV. 194 †
- Dècle, L.: expeditions, III. 60, 332; XVII. 75
- Durch Afrika von Ost nach West: Graf G. A. von Götzen, VII. 273 §, 442 †
- Encore la question de la priorité de la découverte de l'Afrique centrale: A. Wauters, VII. 113 †
- Expedition Lemaire aux sources du Congo, XVI. 249 †
- Exploration and hunting in: A. St. H. Gibbons, XI. 313 †; XII. 301 §
- Explorations in Congo basin: E. G. Ravenstein, I. 223 *
- Fort Jameson to Kafue river: C. P. Chesnaye, XVII. 42 *
- Fort Jameson to Old Chitambo and Tanganyika plateau: R. Codrington, XVI. 124 †
- French expedition across, VIII. 516
- Götzen; Expedition across, IV. 273; V. 78, 354
- Lloyd, A. B.: In Dwarf land, etc., XVI. 369 †; journey across Equatorial forest, XIII. 195
- Loango au Chari, Itinéraire du: J. Dybowski, I. 94 †, 165 §
- Macdonald, Col. J. R. L.: Expedition

AFRICA, CENTRAL

Africa, Central (Equatorial)—*continued*.

- from Uganda (Africa, No. 9, Report), XIV. 680 †
- Mes grands chasses dans l'Afrique centrale: E. Foa, IX. 463 †; X. 177 §
- On the threshold of C. Africa: F. Coillard, XI. 199 †; XII. 300 §
- Ramsay, Capt.: explorations, XI. 299
- Reise quer durch Central-Afrika: Graf G. A. von Götzen, V. 606 †
- Through jungle and desert: Chanler, VIII. 479 §
- To the Mountains of the Moon: J. E. S. Moore, XVIII. 231 †
- Traversée de l'Afrique centrale: Comte G. A. von Götzen, VII. 331 †
- Traversée de l'Afrique du Zambèze au Congo français: E. Foa, XVIII. 302 §
- Traversée de l'Afrique équatoriale: E. Foa, XII. 209 †
- Versepny, M., and Baron de Roman: Across Africa from E. to W., VIII. 516
- Victoria Nyanza to Tanganyika: O. Baumann, I. 228 *
- Vingt-deuxième traversée de l'Afrique centrale: A. J. Wauters, XIV. 226 †
- Vorläufige Skizze des Reiseweges des Lt. Graf von Götzen quer durch Central Afrika, V. 509 †
- White woman in C. Africa, A: H. Caddick, XV. 296 †
- Zambezi to Congo mouth: Capt. Lemaire, XVI. 684
- Fauna, flora, physical geog.—
- Geological notes from Tanganyika northwards: M. Fergusson, XIX. 232 †
- Coupe de l'Afrique équatoriale du sud-est au nord-ouest: E. Foa, XVI. 579 †
- Marshes, fauna of, V. 210
- Mountain Flora of Tropical Africa: A. Engler, I. 376 †
- Naturalist in Mid-Africa, A: G. F. Scott-Elliot, VII. 331 †
- Volcanic district, XVII. 11
- Lake region—
- Bambous aux grands lacs de l'Afrique centrale: Ch. Rivière VIII. 530 †
- Changes of level of lakes: *see* Africa, General
- Grands lacs africains et le Manyema: C. Hecq, XX. 355 †; Molluscs of Great African lakes: J. E. S. Moore, XX. 245 †; origin, V. 112, 122
- Nyasa and Tanganyika districts, physiographical features: J. E. S. Moore, X. 289 *
- Région des grands lacs, XI. 197 †
- Scientific expedition, XIII. 69
- Maps, Surveys—
- Bartholomew: map of C. and S. Africa,

AFRICA, CENTRAL

Africa, Central (Equatorial)—*continued.*

III. 442†; VII. 342†; Carte des Missions Catholiques du Centre africain: P. Vuillot, XVIII. 456†; Hydrographie du Congo et de l'Oubanghi, etc.: H. Chastrey, XVIII. 118†; Nile-Congo watershed, Cureau's surveys, XIII. 69; Philip, G.: Mission map, I. 189†; F. C. Selous' routes, I. 324; F. Stuhlmann: survey map, I. 94†; Stuhlmann's Aufnahmen im Gebiet des Albert- und Albert-Edward-Sees, während der Emin Pascha-Expedition: M. Moisel, XIX. 536†, 771†; Vallée du Nil, Lac Tchad, etc.: Prompt, XIII. 574†

Positions géographiques déterminées . . . au cours de la Mission Marchand: A. H. Dyé, XIX. 505§, 655†

Railways—

Belgischen Eisenbahn-Projekte am oberen Kongo und die deutsch-ost-afrikanische Seebahn: E. Vohsen, XIX. 232†; Chemins de fer congolais et de l'Afrique centrale: P. Bourdarie, XIII. 560†; Nouveaux chemins de fer africains: E. Grosclaude, XIII. 679†; Tropische Afrika und seine Eisenbahnen, XX. 245†

Trade, etc.—

Commercial Resources of Tropical Africa: E. Heawood, XVII. 212†
Iron workings, X. 156
New British markets, III. Tropical Africa: F. D. Lugard, VII. 113†
Travel and trade routes in N.E. Rhodesia, etc., XIX. 598

Africa, East—

Erklärung einiger ostafrikanischer Ortsnamen: C. Velten, XVI. 488†
Geographische Angaben aus Ostafrika: H. Johannes, XII. 325†
Historical Geography of British Colonies, S. and E. Africa: C. P. Lucas, IX. 461†; X. 176§
History of Arab Insurrection: R. Schmidt, I. 183†
Karte der Gebiete von Deutsch- und Britisch-Ost-Afrika: G. A. Fischer, V. 287†
Ost- und Süd-Afrika: M. Schanz, XIX. 527†
Photographs: J. Benett-Stanford, VI. 300; E. J. Mardon, XVI. 140; G. Schweinfurth, X. 348; G. F. Scott-Elliot, IV. 192

Coast and islands—

Africa Pilot: A. de Horsey, XI. 570†; Cable interruptions, X. 274; Côte orientale d'Afrique: F. Benoit, X. 649†; O. Baumann's Survey of Islands, IX. 664; Ostafrikanischen

AFRICA, EAST

Africa, East—*continued.*

Inseln: C. Keller, XII. 541†; XIII. 416§; Iles de la Côte orientale d'Afrique: H. Mager, XII. 209†; Souvenirs de la côte d'Afrique: Baron E. de Mandat-Grancey, I. 182†

Exploration—

Austin, H. H.: Among Swamps and Giants, XX. 559†, 642§; Journey from Omdurman to Mombasa, XIX. 669*

Baumann, O.: I. 228; Durch Masailand zur Nilquelle, IV. 87†, 246§
Bent, J. T.: Ergebnisse der . . . Reise in Ostafrika: A. Dillmann, IV. 282†
Böttge; Seconda spedizione: *see* Africa, North-East

Cavendish: Expedition, XI. 372*;
Reise durch Ostafrika, XII. 325†

Chandler, W. A.: Expedition, I. 269; 533†; II. 367; 534*; Map: L. R. von Höhnelt, II. 191†, 285†; Through Jungle and Desert, VIII. 310†, 479§

Crosby, O. T.: Zeila to Khartum, XVIII. 46*

Davis, R.: An American in E. Africa, I. 566†

Donaldson Smith, A.: Expedition to Lake Rudolf, VIII. 120*, 221*;
Ditto between Lake Rudolf and the Nile, XVI. 600*; Spedizione: L. Vannutelli, XVII. 677†; *see also* Somaliland

Fischer, G. A.: Am Ostufer des Victoria Nyanza, V. 384§, 606†

Götzen, Count: *see* Africa, Central
Gregory, J. W.: Expedition, I. 456
Harrison, J. J.: Zeila to L. Rudolf, XVIII. 258*

Inkey, L.: Notes of Journey, III. 438†

Italian discoveries, X. 439

Kaiser, A.: journey, X. 540

Keane, H. J.: An E. African Waterway, V. 606†

Kolb, G.: Mombasa durch Ukambani zum Kenia, IX. 91§, 105†

Macdonald, Col. J. R. L.: Journey, XII. 521; XIV. 129*, 680†

Meyer, H.: *see under* Kilimanjaro

Neumann, A. H.: Elephant Hunting, XI. 453†, XII. 303§

Neumann, O.: journeys, V. 79, 384; VI. 274*; Bericht über seine Reisen in Ost- und Central-Afrika, VI. 296†

Schilderungen der Suaheli von Expeditionen von Wissmanns, Bumillers, Graf von Götzens, und Anderer: C. Velten, XIX. 398†

Schoeller, M.: IX. 664; XII. 413†; Ergebnisse seiner (meiner) Expedition nach Äquatorial-Ost-Afrika und Uganda, XII. 434†, 631†; Mitteilungen über, XIX. 398†

AFRICA, EAST

Africa, East—continued.

- Scott-Elliott, G. F., Expedition, II. 366; VI. 301 *
 Sheldon, M. F.: Adventures among Masai and other tribes, I. 566 †
 Wickenburg, Graf: Journeys, XIX. 216; XX. 338; Reise des, XX. 245 †; Wanderungen in Ost-Afrika, XIII. 680 †; see Africa, Br. East
 Physical, Biological, etc.—
 Biological zones, IV. 510; Climatic conditions, XVI. 611; Coffee-parasite, VI. 284; Diagrammatic section, IV. 297; Geological zones, IV. 293; German Pendulum Expedition, XVI. 352; Rift-valley systems, XIX. 639
 Great Rift Valley: J. W. Gregory, VIII. 478 §
 Heutige und einstige Vergletscherung im tropischen Ost-Afrika: H. Meyer, XIX. 399 †
 Lebende und jungfossile Korallenriffe in Ost-Afrika: E. Werth, XIX. 527 †
 Meteorological, etc., results of H. Meyer's expedition, 1889: E. Wagner, II. 186 †
 Neue Astronomische Bestimmungen des Herren Dr. Stuhlmann in Ostafrika, VI. 488 †
 Petrographische Ausbeute der Schöler'schen Expedition in Aequatorial-Ost-Afrika: E. Kunzli, XIX. 282 †
 Pflanzenwelt Ost-Afrikas und der Nachbargebiete: A. Engler, VIII. 417 †
 Physical Geography: J. W. Gregory, IV. 289 *, 408 *, 505 *
 Plants of E. Africa, V. 79
 Political—
 Anglo-German Boundary, Proceedings of British Commission, 1892: C. S. Smith, IV. 424 *; between Nyasa and Tanganyika, XIII. 304, 577, 590
 Anglo-Portuguese Delimitation Commission, I. 152 *; S. Grant, II. 186 †
 E. and W. Africa in Parliament: Sir F. D. Lugard, III. 531 †
 German-Portuguese Boundary, IX. 664; X. 637; Deutsch-portugiesische Grenzgebiet am Rovuma: F. Stuhlmann, XI. 198 †
 Oesterreichisch-ungarische Interessen in Ostafrika: Baumann, V. 606 †
 Portugiesenzeit von deutsch- und englisch-Ostafrika: J. Strandes, XV. 438 †; XVI. 353 §
 Railways, Transport—
 Ochsenwagen in Ostafrika: Graf von Pfeil, VII. 213 †
 Schirehochlandbahn und die Afrikanischen Seengebiete, XIX. 527 †;

AFRICA, NORTH-EAST

Africa, East—continued.

- Survey from Beira to Manica: J. R. Baptista, III. 161 †
 Ueber Verkehrsmittel in Ostafrika: K. Lent, V. 181 †, 381 §
 Africa, North—
 Atruche dans l'Afrique du Nord, VIII. 653 †
 Etude de Géographie humaine: J. Brunhes, XX. 675 †
 Exploration—Duveyrier, H.: Itinerary from Telemân to Melila (Map), II. 479; Robinson, C. H.: journey, II. 453; journey from the Senegal to Tripoli: Comm. Monteil; see Africa, French W.
 Französische Kolonialreich in Nord-Afrika und die transsaharische Eisenbahn: Oberleutnant Kürchhoff, XVII. 211 †
 Hadjrat Mekroubat ou les Pierres écrites: G. B. M. Flamand, XX. 124 †
 Hautes-Plaines et Steppes de la Berbérie: A. Bernard, XII. 98 †
 Map of Morocco, Algeria, etc.: Stanford, XVI. 378 †
 Moslem Confraternities: W. B. Harris, XIX. 108 †
 Nei paesi de Islam: G. Rossi, X. 656 †
 N. Africa: A. H. Keane (Stanford's Compendium of Geography and Travel), V. 607 †, 275 §
 Revue bibliographique... de l'Afrique septentrionale: A. Bernard, XII. 326 †; XV. 82 †
 Roman Africa, Outline of History of Roman Occupation of N. Africa: A. Graham, XX. 126 †
 Senussi and his... holy war: T. R. Threlfall, XVI. 124 †
 Spanish Influence on N. coast of Africa: D. R. Pezzi, III. 347 †
 Africa, North-East—
 Ethnographie Nordost-Afrikas: P. Paulitschke, VIII. 418 †; II. 380 †
 Fumagalli's Bibliography, I. 183 †
 Landwirtschaftlichen Zustände im afrikanischen Osthorn: C. Keller, XIX. 657 †
 Mammals obtained by Donaldson Smith: O. Thomas, XVIII. 330
 Photographs: L. Naretti and G. P. Devey, XVIII. 464
 Exploration—
 Bonchamps, C. de: see Abyssinia
 Böttego: Seconda Spedizione, etc.: E. Millosevich, VIII. 531 †; L. Vannutelli e C. Citeri, XII. 633 †
 XIV. 117 †; XV. 50 §; XVIII. 233 †; Studio geologico: G. de A. d'Ossat e F. Millosevich, XVIII. 551 †
 Donaldson Smith: see Africa, East
 Erlanger and Neumann: Expedition, XVII. 190, 528; XVIII. 214; XIX. 87; Reisen in Nordost-Afrika,

AFRICA, NORTH-EAST

Africa, North-East—*continued.*

XVI. 581 †; XVII. 677 †; Spedizione . . . in Abissinia, XX. 354 †

Koettlitz, R.: Journey through Somaliland and S. Abyssinia, etc., XVII. 677 †

Neumann, O.: Somali Coast to Sudan, XX. 373 *

Villiers, C. H.: expedition, I. 71, 167

Africa, North-West—Documents pour servir à l'étude du Nord-Ouest Africain: A. Bernard, X. 552 †

Africa, South—

Aequatorial- und Süd-Afrika nach einer Darstellung von 1719: C. Peters, VII. 202, 214 †

Africa Pilot: A. de Horsey, XI. 570 †

Agriculture: R. Wallace, XVIII. 110 †

Ancient colonizations, XIII. 381; *see* Mashonaland, Rhodesia

Argus Annual and S. African Gazetteer, VII. 564 †

Beginning of S. African History: G. M. Theal, XX. 126 †

Big game of S. Africa, VII. 332 †

Commercial history, II. 41

Extirmination of great game: H. A. Bryden, V. 90 †

Frere, Sir B.; work in, V. 461

Geographisches über den Kriegsschauplatz in Südafrika: Dove, XVI. 251 †

Historical Geography of British Colonies, S. and E. Africa: C. P. Lucas, IX. 461 †; X. 176 §

Impressions: J. Bryce, XI. 94 †; XII. 300 §; XV. 194 †

Influence of Geographical Conditions on Military Operations in: W. A. Simpson, XVI. 370 †

Irrigation: W. Willecks, XX. 559 †

L'Afrique australe: E. Reclus, XVIII. 331 †

Land und Leute zwischen Zambesi und Limpopo: Müller, VIII. 311 †

Letters: *Times* Correspondent, I. 377 †

On the South African Frontier: W. H. Brown, XIV. 582 †

"Ophir," Das wiederentdeckte Goldland: Schiller-Tietz, XVII. 212 †

Ophir and Punt in: K. Peters, XIX. 773 †

Orange Free State, Transvaal, etc.: Wood and Ortlepp, XV. 560 †

Ost- und Süd-Afrika: M. Schanz, XIX. 527 †

"Post Office" Stone in S. African Museum: W. L. Sclater, XIX. 773 †

Renascence of S. Africa: A. R. Colquhoun, XVI. 700 †

Rinderpest in ihrer geographischen Bedeutung: T. A. Sonnewald, IX. 341 †

AFRICA, SOUTH

Africa, South—*continued.*

S. Africa: A. H. Keane (Stanford's Compendium of Geography and Travel), VII. 113 †, 275 §

—: G. M'C. Theal, XV. 440 †

—: A. Wilmot, IX. 325 §

— and India: Sir L. Griffin, XX. 366 †

— of to-day: F. Younghusband, XII. 211 †, 300 §

—, The New: W. Bleloch, XVIII. 330 †

S. African Reconstruction: E. Dicey, XVI. 370 †

Story of S. Africa: W. B. Worsfold, XI. 570 †

Study in Colonial Administration, etc.: W. B. Worsfold, IX. 462 †

Transvaal and S. Africa: Cotgreave, XVI. 125 †

Bibliography, XIV. 563; XV. 440 †; H. S. Hollway, XIV. 338 †

Climate—

Climate of S. Africa: A. J. Herbertson, XVI. 370 †

Rainfall: A. Buchan, XI. 570 †

Orography and Climatic conditions: H. C. Schunke, IV. 283 †

S. African Climate: W. C. Scholtz, XV. 440 †

Colonization and History—

African wastes reclaimed: R. Young, XIX. 771 †

Boer and Uitlander: W. F. Regan, VIII. 190 †; Boerenfreestaaten

Südafrikas: A. Schenck, IX. 239 †; Boers and Uitlanders: Y. Guyot,

XVI. 251 †; Boers et leur état social: J. Leclercq, XVI. 700 †;

Boer States and People: A. H. Keane, XV. 666 †; Concerning

South African Settlers: A. White, XVII. 448 †; Die Entstehung der

südafrikanischen Freistaaten: G. Fritsch, XV. 552 †; L'Afrique

australe et la colonization néerlandaise: Ivens, VII. 215 †; Les

premiers Boers: E. Fournier de Flaix, XVI. 125 †

British and Dutch in S. Africa: H. A. Bryden, XIV. 682 †

Fate of S. Africa: F. R. Harris, VII. 443 †

First British Settlers: Dr. Wirgman, XIX. 108 †

Politische Einteilung Südafrikas: A. Supan, VIII. 93 †

Portuguese in S. Africa: G. M. Theal, VIII. 418 †; IX. 324 §

Prise de possession de l'Afrique australe: L. de Launay, IX. 577 †

Study in Colonial Administration: W. B. Worsfold, VII. 215 †

Exploration—

A travers l'Afrique australe: J. Leclercq, V. 607 †; XV. 552 †

AFRICA, SOUTH**Africa, South—continued.**

Century of Exploration in: G. Lacy,

XIX. 772 †

Coillard: *see* Africa, Central

En Afrique australe et à Madagascar:

H. Gindre, X. 552 †

— avec la Mission Coillard:

A. Bertrand, XV. 666 †

Gibbons: *see* Africa, Central, and
Marotseland

Guide: A. S. Brown, XV. 440 †

Gun and Camera in: H. A. Bryden,
II. 90 †

Incidents of a Hunter's Life in: F.

C. Selous, II. 279 †

In Haunts of Wild Game: F. V.
Kirby, VII. 332 †

New Africa, The: A. Schultz and A.
Hammar, X. 175 §, 229 †

Notes of Journey: J. B. Don, II. 474 †

Passarge, S.: Durch die Karroo nach
Kimberley, XVI. 251 †; Expedi-

tions, X. 212; XI. 181, 315; XIII.

661; XIV. 310 *; Ueber seine

Reisen in Süd-Afrika, XIII. 681 †

Through S. Africa: H. M. Stanley,
XII. 210 †

Twelve hundred miles in a waggon:
Alice Balfour, VII. 332 †

Two thousand miles through: W. T.
McCormick, XVI. 581 †

Visit to: C. B. Levita, X. 552 †

Geology, etc.—

Coal Measures at Vereeniging, Trans-
vaal, etc.: E. J. Dunn, XVI. 370 †

Diamonds and Gold: T. Reunert, III.
72 †; F. J. Ricarde-Seaver, V. 182 †

Former Ice Age, XVII. 555 †; Great
Glacial Moraine of Permian Age:

T. R. Jones, XIII. 680 †; Glacial

Phenomena: A. Schenck, VIII. 93 †

Geological Reports: A. J. Herbertson,
XX. 630 *; resemblances between

S. Africa and India, III. 173

Maps and surveys—

Bartholomew, J. G.: Atlas for S.
African Schools, XIII. 224 †; XX.

254 †; C. and S. Africa, XIII.

223 †; Tourist map, XI. 463 †

Bower, T. B.: S. Transvaal and N.
Orange River Colony, XVI. 709 †

Castle Line Atlas, V. 287 †; XI. 210 †

Daily Mail Map of Boer Republics,
XIV. 694 †

"Diagram" hand-maps: Orographi-
cal S. Africa, XIII. 691 †

Favre, C.: Théâtre de la Guerre sud-
africaine, XIX. 536 †

Hausermann, R.: Missions Catho-
liques du Sud Africain, XX. 369 †

Johnston, W. & A. K., VIII. 199 †;
XVIII. 653 †; XIX. 536 †; Mili-

tary Operations, XV. 450 †

Juta: Cape to Zambesi, XX. 134 †

Moisel: Missions Catholiques du Sud
Africain, XX. 134 †

AFRICA, SOUTH-EAST**Africa, South—continued.**

Philip, G.: Map including Cape
Colony, etc., II. 479 †

Selous, F. C., Routes of, I. 324

Struben, F.: Geological sketch-map
of Africa S. of the Zambesi, VIII.

94 †

Surveys, Geodetic, etc., X. 441; XIV.
667; XVI. 474, 488 †; XIX. 90;

XX. 453; Report: Sir D. Gill,

VIII. 531 †; Report on rediscussion

of Bailey's and Fourcade's Surveys:

Sir D. Gill, XX. 357 †

Natives—

Indigènes de l'Afrique du Sud, Les
Vaalpens: Y. Guyot, XIX. 772 †

Industries of Kaffirs: H. P. N.
Muller, III. 72 †

Native Question: Hon. L. Zietsman,
XIX. 108 †

Native Races: A. P. Hillier, XIII.
563 †

Natives, their Economic and Social
Condition, XVIII. 331 †

Question of Native Races: J. Mac-
donell, XVII. 677

Völkerbewegungen: K. Barthel, IV.
190 †; VI. 468 §

Photographs, XI. 212; E. Holub, VII.
124; Scenes of Battles, Modder

River, etc.: E. H. V. Melville, XVII.
332

Railways, X. 328: Railway System of:
Hon. Sir D. Tennant, XI. 199 †

Africa, South—British—

Br. S. Africa: G. S. Fort, VIII. 310 †

— and Transvaal: F. F.
Hilder, XV. 665 †

— Company, V. 282 †; Re-
ports, etc., XII. 97 †, 211 †; XIV.

338 †; XV. 296 †; XVI. 487 †

England's advance north of Orange
river: M. de Villiers, IX. 577 †

Illustrated Official Handbook: J. Noble,
II. 564 †

Maps—Philip: library map, XVII.
686 †; Stanford, IV. 286 †

Progress, XV. 535

Rubber industry: P. L. Gell, XVII.
322 †

Africa, South-East (see also Zambesi)—

Auswanderung nach Südostafrika: E.
Mager, VIII. 311

Geographical results of Anglo-Portu-
guese Delimitation Commission, II.

505 *

Invasion des Zoulous dans le Sud-Est
Africain: A. Grandjean, XII. 633 †;

XIV. 228 †

Neues über Karl Mauchs Forschungen
in Südostafrika: H. G. Schlichter,

VIII. 311 †; X. 552 †

Photographs: F. J. Wootton Isaacson,
IX. 472; J. J. Levenson, III. 168

Travel and Adventure in: F. C. Selous,
II. 474 †

AFRICA, SOUTH-WEST.

Africa, South-West—

Beiträge zur Geographie: K. Dove, III. 439 †; IV. 271 §

English and German: Count Pfeil, II. 29 *

Iakttagelser under en resa i sydvästra Afrika: P. Möller, XII. 211 †

Maps: Langhans' Colonial Atlas, IX. 62 §; Count Pfeil's Journeys, III. 259 †

Nama und Damara, Deutsch-Süd-West-Afrika: H. von François, VIII. 311 †, 480 §

Reisen in Südwest Afrika: B. E. von Uechtritz, V. 607 †

Resa i Afrika genom Angola . . . och Damaraland: P. Möller, XV. 194 †

Sand-dunes and winds on coast, H. C. Wilmer, IV. 283 †; V. 385

Südwestafrikanischen Guanoinseln: S. Passarge, XII. 631 †

Winds and sand-dunes on coast, V. 385

Africa, West—

Faunal Subregion, VII. 290 *

Gold mines: J. Irvine, XIII. 563 †;

Gold-producing region: S. J. Speak, XIX. 638 †, 773 †

L'élevage des autruches dans l'Afrique occidentale, XX. 127 †

Money—Afrikanisches Steingeld: H. Schurtz, XIX. 773 †

Niger and Yoruba notes: C. F. Harford-Battersby, XII. 98 †

Slave Trade in W. African Hinterland: C. H. Robinson, XII. 211 †

Sub-oceanic River Valleys of W. African Continent and Mediterranean Basin: E. Hull, XVII. 555 †

W. African Manual: Wallach, XVII. 552 †

— Studies: M. H. Kingsley, XIII. 420 §, 564 †; XVIII. 233 †

Climate, XIX. 108 †; region of maximum rainfall, XV. 420

Coast—

Cable fractures, XIV. 401; discoveries, early, V. 223; ditto, Portuguese, XIV. 665; Sailing directions, XV. 666 †; XVIII. 641 †

Bestimmung der Intensität der Schwerkraft auf zwanzig Stationen an der westafrikanischen Küste: M. Loesch, XX. 669 †

Zur Küstenkunde Westafrikas: Kutter, XVIII. 111 †

Exploration—

Arnot, F. S.: Four Years' Further Work in Bihé and Garenganze, I. 467 †

Béhagle, F. de; Mission: P. Bourdario, XII. 211 †; Voyage Commercial au Bassin du Tchad, VIII. 531 †

Binger, Capt.: Ivory Coast to Sudan, I. 163

Brosselard-Faidherbe, Capt., I. 377 †

Carter, Sir G.; Mission, II. 66

Diogo Gomes; As relações de desco-

AFRICA, WEST

Africa, West—continued.

brimento de Guiné e das ilhas das Açores . . . : G. Pereira, XVIII. 111 †

Dybowski, J.: Route from Chad and Loango to the Shari, II. 380 †

Edwards, F. A.: From Kongo to the Niger, XII. 99 †

European colonization of W. Coast of Africa, VIII. 490

Expeditions, XVII. 661; French do.: see Africa, French W.

Kingsley, Mary H.: Travels in W. Africa, IX. 324 §, 341 †; Travels on W. Coast of Equatorial Africa, VII. 95 §, 564 †

Lugard, Sir F.: Journey in W. Africa, etc., VII. 114 †

Lebon, A.: Voyage dans l'Afrique occidentale: P. Mille, XII. 212 †

Mizon, L.: Itinéraire de la source de la Bénoué au confluent des Kadeï et Mambéré, etc., VII. 214 †; Itinéraires de Yola à Dingui sur le Mayo-Kebbi, etc., VIII. 417 †

Payeur-Didelot: Deux ans et demi au continent mystérieux, XIV. 228 †

Portuguese, III. 395; XIV. 665

Rogozinski, E. de: Eight Years of Exploration, II. 279 †

Samuel Braun aus Basel der erste deutsche wissenschaftliche Afrika-reisende: G. Henning, XIX. 773 †

Schlechter, R.: Westafrikanische Kautschuk-Expedition, XVII. 553 †

Trotter, J. K.: Expedition to source of Niger, X. 237 *, 386 *

Flora—

Plants collected by F. Welwitsch, Catalogue: W. P. Hiern, XIX. 773 †; Vegetable Resources: J. R. Jackson, XX. 357 †

Maps and Surveying—

Chartographic Company: Gold Mines, XIX. 115 †

Contributions to determination of geographical positions on the coast: C. Sanders, XX. 127 †

Feist: Côte occidentale d'Afrique, XVII. 459 †

Frobenius, L.: Westafrikanische Kulturkreis, XII. 549 †

Kiepert, R.: Boundaries between English and German Territories, III. 539 †

Philip: Gold-fields, XVIII. 347 †

Stanford: W. Africa, part of, XII. 109 †; British Possessions, V. 611 †

Tribes, I. 127

Chez les Fang: Trilles, XIII. 564 †; Chez les M'Fang: A. Foret, XX. 126 †

Glimpses of Native Law: J. G. B. Stopford, XIX. 400 †

Ethnologist's Point of View: Mary Kingsley, XII. 326 †

AFRICA, WEST

Africa, West—continued.

Sacred stones, XII. 522

Secret Tribal Societies: H. P. F. Marriott, XX. 127 †

Volksdichte im westlichen Central-Afrika: A. Vierkandt, V. 606 †; VI. 183

Westafrikanische Bantuneger, Seine Charakteristik und Behandlung: D. Hutter, XIX. 658 †

Westafrikanische Kulturkreis: L. Frobenius, XII. 211 †, (map) 549 †; XIII. 73 §, 323 †, 455 †

Political—

Boundaries, X. 237; Anglo-French, V. 383; X. 238; E. G. Ravenstein on, XII. 73; Anglo-German, XV. 73; France and Congo Free State, IV. 274; Franco-German, X. 635; Franco-Spanish, XVI. 225

Abkommen zwischen Deutschland und England, III. 253 †

Benue and Anglo-German treaty of Nov. 15, 1893: E. G. Ravenstein, III. 42 *

British Expansion: L. Darwin, XV. 83 †; Trade: J. W. Root, XIX. 400 †

Compagnie royale du Niger: E. Bailaud, XII. 633 †

Convention de délimitation franco-espagnola, XVII. 450 †

— franco - anglaise: *see* Africa, General and French W.

— franco-espagnole en Afrique: A. Montell, XVII. 450 †

Délimitation franco-espagnole en Afrique, XVI. 582 †

E. and W. Africa in Parliament: Sir F. D. Lugard, III. 531 †

England and France in W. Africa: H. R. Fox-Bourne, XII. 211 †; W. Greswell, XII. 212 †; J. Westlake, XII. 211 †

Englisch-französischen Streitfragen in Westafrika: B. Förster, XII. 211 †

French Possessions, III. 395

Historical Geography of British Colonies, vol. iii., W. Africa: C. P. Lucas, V. 181 †

Rise of Br. W. Africa: C. George, XIX. 771 †

Photographs: Capt. J. I. Lang, I. 96; IV. 584; J. T. F. Halligey, I. 384

Railways—

Chemins de fer dans l'Afrique occidentale: M. Aspe-Fleurimont, XVIII. 111 †; On W. African railways: F. Shelford, XX. 357 †

Africa, British C.—

Br. C. Africa: Sir H. H. Johnston, IV. 189 †; V. 193 †; X. 339 †, 410 §; Do.: A. Sharpe, XVI. 475

Exploration: Foa, X. 212; XII. 314, 315; J. Gibbs, IX. 664; Domira bay to Fife: C. Mackinnon, XIX. 603 †; Fort Jameson to Kafue river: C. P.

AFRICA, BRITISH E.

Africa, British C.—continued.

Chesnaye, XVII. 42 †; XVIII. 108 †; Do. to Tanganyika plateau: R. Codrington, XV. 227 †; Shire to L. Mweru: A. Sharpe, I. 524 †; To Lake Bangweolo, etc.: J. Thomson, I. 97 †; W. of Nyasa: R. Money and K. Smith, X. 146

Game-preserve in, XIV. 211

General progress, II. 551; V. 272

Geography and resources of Br. C.

Africa: A. Sharpe, VII. 366 *

Maps: Note on map of Shire Highlands: A. Sharpe, XIII. 59; Original-karte der Reisen der "Weissen Väter" in Lobemba und Lobisa: H. Maitre und P. Langhans, XX. 567 †; War Office Map, XX. 133 †

Natural history; V. 217

Photographs: P. Weatherley, XII. 112; XIX. 119

Précis of Information: C. B. Vyvyan, XVIII. 327 †

Railway schemes: S. H. F. Capenny, XVIII. 550 †

Trade, etc.—

Commercial possibilities: P. Robertson, XV. 664 †; prospects: G. F. Scott-Elliott, VII. 678 †

Postal Guide, XIII. 679 †

Reports: Foreign Office (Sir H. Johnston, A. Sharpe, etc.), VI. 474 §; VIII. 530 †; X. 441; XII. 97 †; XIII. 321 †; XIV. 680 †; XVII. 321 †; XIX. 526 †; XX. 557 †

Trade and Colonization: A. Sharpe, XVII. 675 †

Africa, British E.: Extent, VIII. 637; progress, XI. 434

Br. E. Africa or "Ibea": P. L. M'Dermott, II. 564 †; VI. 296 †

Capabilities of E. Ibea: F. Parry, II. 186 †; Commercial prospects: G. F. Scott-Elliott, VII. 678 †

Foundation of Br. E. Africa: J. W. Gregory, XIX. 526 †

Handbook: Intelligence Division, War Office, III. 160 †

—: J. B. Purvis, XVI. 487 †

People, Places, and Prospects: C. W. Hobley, IV. 97 *

Précis of Information concerning Br. E. Africa Protectorate and Zanzibar, XVII. 675 †

Reports: Sir A. Hardinge, etc. XI. 434, 453 †; XIII. 659 §, 679 †; XIX. 526 †

Rise of our E. African Empire: Sir F. D. Lugard, III. 71 †

Cartography, Exploration, etc.—

Ainsworth, J.: Journey from Machakos to Kitwyi, VII. 406 *

Austin, H. H.: Njemps to Marich, Save, and Mumia's, XIV. 307 *

FitzGerald, W. W. A.: Travels in Coastlands, XI. 453 †; XII. 302 §

AFRICA, BRITISH E.**Africa, British E.—continued.**

- Gorges, G. H.: Journey to Victoria Nyanza, XVI. 78 *
- Jenner: Kismayu to Logh, XIV. 637 *
- Macdonald, J. R. L.: Soldiering and Surveying in Br. E. Africa, IX. 576 †; X. 174 §
- Mackinder, H. J.: Journey to summit of Mt. Kenya, XV. 453 *
- Pringle, J. W.: With Railway survey to Victoria Nyanza, II. 112 *
- Road to Victoria Nyanza, IX. 89
- Schoeller's journeys, XII. 413
- Smith, G. E.: Road-making and Surveying, XIV. 269 *
- Whitehouse: To Victoria Nyanza by Uganda railway, XIX. 771 †
- Wickenburg, Graf, Reiserouten: P. Paulitschke, XIII. 322 †, (map) 691 †

Photographs—

- Mombasa-Victoria Nyanza Survey, II. 480; Sir G. L. Molesworth, XIV. 352

Physical conditions—

- Altitudes, IV. 519; Plateaux, IV. 517

Zoology and Botany, IV. 512

- Contributions to Physical Geography: J. W. Gregory, IV. 289 *, 408 *, 505 †; V. 89 †, 282 †; Great Rift valley: Id., VIII. 478 §

- Meteorological Observations, Report: E. G. Ravenstein, IV. 470 †

Railways—

- Mombasa—Victoria lake Railway: *see* Uganda

- Prospective Railway Developments: C. S. Betton, XX. 354 †

Trade—

- F. O. Reports, XVII. 321 †; XX. 668 †
- Trade and Administration: E. J. Mardon, XVIII. 108 †

Africa, French W. (*see also* Africa, W. and Sudan), III. 395; VIII. 176; XV. 62

- A Young Colony: M. Monnier, IV. 282 †

- Boundaries, III. 44; V. 383; VIII. 201; IX. 664; XII. 73; Convention franco-anglaise du Niger, XII. 633 †; XIII. 455 †; English-französische Abkommen in West-Afrika: E. Vohsen, XII. 633 †; French and English in basin of Niger, XI. 95 †; Territoires français du Niger: E. Bailland, XVI. 488 †; *see also* Africa General, and West

- Campagne contre Rabah: Comm. Reibell, XVII. 554 †

- 1892-3 au Soudan français: Archinard, VII. 332 †

- Carte de l'Afrique occidentale (Service Géo. des Colonies), XX. 679 †

- Casumance, La: P. Arnaud-Régis, XIV. 681 †

AFRICA, FRENCH W.**Africa, French W.—continued.**

- Chute de l'Empire de Rabah, XX. 125 †, 356 †

- Climat de la Guinée française: G. Paroisse, VIII. 531 †

- Colonies français, Sénégal-Soudan, XVII. 91 †

- Développement économique de nos Colonies de l'Afrique occidentale:

- F. Bohn, XVI. 368 †

- Ecoles au Soudan françaises, Religion musulmane, XI. 93 †

- France and penetration of C. Sudan, XVIII. 640 †

- au Soudan: N. Noll, XII. 434 †

- dans la boucle du Niger: Voulet, XIV. 227 †

- reculée au Niger: G. Demanche, VII. 333 †

- French Niger territory, XIV. 118 †; XVI. 477

- on the Niger: F. A. Edwards, XII. 99 †

- progress in W. Sudan: P. Oliver, VII. 214 †

- Sudan, IV. 377 †

- up to date, Jan. 1894: P. Oliver, III. 439 †

- Guinée française: M. Maclaud, XI. 582 †, 684 §; XVI. 250 †; Do.: C. Piquerez, XIII. 322 †

- et le Fouta-Djalon: M. Noiro, XIX. 399 †; Notice sur la Guinée française: M. Famechon, XVII. 91 †

- Maps: Gouvernement Général de la Côte Occidentale, XV. 450 †; Guinée et Sudan Français: Levasseur, VI. 493 †; Haut Niger au Golf de Guinée: Binger, III. 354 †

- Moyen-Niger français: Bretonnet, XII. 211 †

- On the Coast of Fr. W. Africa: E. M. Laumann, IV. 282 †

- Pénétration au Soudan: Rançon, II. 187 †

- Plantations dans la Guinée française: G. Paroisse, IX. 106 †

- Railways, VIII. 499; IX. 327; XIV. 564; Chemin de fer de Conakry au Niger navigable: Salesses, XIV. 118 †

- Rapports sur le 3^e territoire militaire de l'Afrique occidentale française, XX. 125 †

- Régime du Niger: H. Busson, V. 283 †

- Réorganisation de l'Afrique occidentale française, XV. 62, 551 †

- Simons, Les: J. Leprince, XVI. 250 †

- Soudan français: M. H. Lorin, XVI. 250 †; Do.: G. Vasco, XIV. 227 †

- et les campagnes contre Samory: J. B. d'Attanoux et F. Lolié, XI. 314 †

- Telegraphic System, XV. 419; Lignes

AFRICA, FRENCH W.**Africa, French W.—continued.**

télegraphiques dans l'Afrique occidentale française: L. G. Binger, XV. 551 †

Territoire militaire de Zinder et la Convention de 1898: A. Terrier, XVIII. 329 †

Territoires françaises du Niger, leur valeur économique: E. Baillaud, XVI. 477 §, 580 †

Exploration: XV. 534; in W. Sudan, XIV. 320

Au lac Tchad, Mission Gentil: A. Montell, XIII. 455 †

Baillaud, XVI. 227

Binger, I. 263

De Conakry au Niger: Salesses, XI. 685 †

Dornin, P.: Dans le nord du Soudan français, XVIII. 232 †; Du Soudan au Maroc et à l'Algérie, XVIII. 640 †

Dubois, XI. 668

Hacquard, Mgr.: Promenade au Mossi, XVIII. 109 †

Hostains, E.: De la Côte d'Ivoire au Soudan et la Guinée française, XVI. 348 §, 368 †

Hostains-d'Ollone, Mission, XVI. 700 †; XVII. 449 †; 456 †; Ditto: D'Ollone, XVIII. 640 †

Hourst: *see* Niger, Exploration

Joalland, P.: Conquête du Kanem, XVIII. 329 †; De Zinder au Tchad: Mission Afrique centr., XVIII. 329 †

Maclaud: Mission à travers la Guinée et la Fouta-Diallon, XIV. 582 †

Maistre, C.: Mission, III. 161 †

Mission du Chari et de l'Afrique centrale, XVIII. 329 †

Monteil, P. L.: De l'Atlantique à la Méditerranée, II. 279 †; De Saint Louis à Tripoli, V. 607 †; VII. 270 §; Meeting of Paris Geographical Soc., I. 377 †; Positions déterminées, etc., IV. 87 †

Recent French Expeditions: A. Hilliard-Atteridge, XV. 551 †

Reconnaissances dans la région des lacs de Tombouctou: P. Vuillot, XII. 434 †

Travels in Fr. W. Africa: H. Porcher, I. 84 †

Trente mois au Continent mystérieux: M. Payeur-Didelot, XVI. 488 †

Vers le Tchad: P. Prins, XVI. 250 †

Africa, German E.—

Foreign Office Reports, XVII. 91 †; XVIII. 89 §, 232 †; (trade of coast towns), XVI. 368 †; XX. 467 †; Frontiers, XI. 300; Geographical work, XIV. 321; Pendulum Observations: *see* below, Exploration; Transport, XI. 69; (steam transport), IX. 327; (first river-steamer), XII. 414; Tribes, II. 186 †

AFRICA, GERMAN E.**Africa, German E.—continued.**

Ancient Ruins: K. Perrot's explorations, XVI. 561

Cultivated lands of Kilimanjaro, etc.: Dr. Brehme, IV. 189 †

Deutschlands Kolonien, Ost-Afrika: R. Schmidt, VI. 582 †

Deutsch-Ostafrika: F. Wohltmann, XIII. 422 §, 562 †

Landesaufnahme: Maereker, X. 229 †

Mittlern Hochländer: W. Werther, XII. 210 †, 542 †; XIII. 415 §

Pflanzungen: R. Fitzner, XI. 198 †

Uebe: J. Graf von Pfeil, XI. 314 †

Deutsch-Ostafrikanische Schutzgebiet: K. Peters, VI. 488 †

Einführung der Kommunalverwaltung in Deutsch-Ostafrika: L. Bendix, XVIII. 640 †

Erklärung einiger ostafrikanischer Ortsnamen: XVI. 488 †; do.: F. Müller, XVII. 323 †

Experiment in Colonization: R. C. Witt, XII. 325 †

Grabenländer im Nördlichen Deutsch-Ost-Afrika: E. Kohl-schütter, XIX. 528 †

Kihehe-Wörter-Sammlung: P. C. Spiss, XVII. 322 †

Kikami, Sprache der Wakami: C. Velten, XVII. 322 †

Königsgraber der Wahehe: J. Stierling, XVI. 488 †

Land und Leute längs der deutsch-englischen Grenze zwischen Nyassa und Tanganyika: H. Hermann, XVII. 554 †

Magila in Picture, XIX. 399 †

Meruberg in Deutsch-Ostafrika und seine Umgebung: E. Schieritz, XX. 558 †

Notizen über Lebensweise . . . des Bezirks Bukoba: Hauptm. Richter, XVI. 368 †

Notizie sull'Africa Orientale Tedesca: G. Pestalozza, XIV. 118 †

Rechtsverhältnisse und Sitten der Wadschagga: M. Merker, XX. 356 †

Resultate von Längenbestimmungen in Deutsch-Ost-Afrika: E. Kohl-schütter, XX. 125 †

Trade of coast towns, XVI. 368 †

Vegetationsverhältnisse des Ulugurubirges in Deutsch-Ostafrika: A. Engler, XVI. 250 †

Verbindung des Kilimandjarogebiets mit der Küste: K. Lent, V. 182 †

Verkehrsverhältnisse: G. A. Kannengieser, XIX. 656 †

Wirtschaftliche Entwicklung: P. Andresen, XVII. 322 †

AFRICA, GERMAN E.**Africa, German E.—continued.**

Zur Geographie Deutsch-Ostafrikas:
E. Stromer, XVII. 91 †

Cartography, surveying—

General Maps: Baumann, IV. 191 †;
Kiepert, V. 611 †; XIII. 691 †;
XVII. 568 †; Kiepert and Moisel,
VI. 297 †; VII. 450 †; LX. 586 †;
X. 347, 561; XI. 463 †; Krauss,
VII. 687 †; Sprigade, XVII.
221 †; Sprigade and Nobiling, XX.
254 †

Astronomische Ortsbestimmungen,
XIII. 562 †; Do., des Herrn Ramsay,
VI. 488 †; XIV. 460 †

Astronomischen und geodätischen
Arbeiten zwischen dem Nyassa-
und Tanganyika-See: E. Kohl-
schütter, XVII. 429 §, 554 †

Cartographical Results of Masai Ex-
pedition: O. Baumann, IV. 189 †

Geographische Positionen einiger
Punkte, etc., VIII. 535 †

Geographische Ortsbestimmungen:
R. H. Schmitt, XVI. 368 †

Hermanns Aufnahme, XIV. 460 †

Karte der Nyassa-Expedition: R.
Kiepert, V. 95 †

Kartographischen und geophysischen
Arbeiten der Pendel-Expedition
in Deutsch-Ost-Afrika: E. Kohl-
schütter, XIX. 639 §, 656 †

Neue Aufnahme in Unyamwesi: R.
Kiepert, XI. 198 †

Originalkarte der Irangi-Expedition:
W. Werther, XI. 691 †

Surveys, XII. 79; R. H. Schmidt's,
IX. 562

Exploration—

Adams, P.M.: Von Nyassa-See nach
Upogoro und Donde, XIII. 562 †

Baumann: *see* Africa, East, and
Cartography, *above*

Capus, Père: journey, XII. 413

Charisius: Reisebericht, XIX. 528 †

Chesneau, M.: Expédition du Pen-
dule, XVII. 91 †

Classe, L.: Du lac Nyanza au lac
Kivou, XX. 125 †

Dromaux, Durchquerung von Deutsch-
Ostafrika: P. Langhans, XIII.
562 †

Engelhardt: journey, X. 328 †

Expedition nach Magalla, etc., XIV.
583 †

Götzen, Graf von: Reiseweg in
Deutsch-Ostafrika, VII. 450 †

Grenzreise des Stationschefs von
Iranga, XVIII. 329 †

Kandt, R.: Bericht über meine
Reisen . . . in Deutsch-Ostafrika,
XVI. 559 §, 580 †; Bericht aus
Ruanda, XVIII. 329 †

Kannenberg: Reise durch die hamit-
ischen Sprachgebiete um Kondoa,
XVI. 368 †

AFRICA, GERMAN S.W.**Africa, German E.—continued.**

Lieder, G.: Reise, X. 121 †, 326 §;

Ubena-Nyassa Exp., V. 182 †

Meyer, T.: Von Utengule nach
Kipembabwe, XIX. 233 †

Pendel - Expedition, Arbeiten: *see*
above, Cartography; Fortschritte
der, XV. 178; XVI. 250 †, 352,
368 †

Prince, Capt.: XV. 282

Ramsay, Hauptm.: XI. 299; XIII. 71

Schele, Baron von, IV. 176

Schilling: X. 327

Stuhlmann: explorations, I. 183 †;
with Father Schynse, I. 84 †;
Bericht über eine Reise im Hinter-
lande von Bagamoyo, V. 182 †;
Ueber die Uluguruberge in Deutsch-
Ostafrika, VII. 214 †, 314 §

Trotha, V.: journey, IX. 90

Volkens, G.: Journey to Moschi, IV.
189 †

Wauters, A. J.: Voyages en Africa de
Bruxelles à Karéma, XVIII. 640 †

Werther: X. 327; XII. 189

Geology—

Dr. Dantz's researches, XIV. 446;
XX. 230; Ergebnisse der geologi-
schen Expedition des Bergassessors
Dr. Dantz, XVI. 106 §, 250 †

Meteorology—

Meteorologischen Beobachtungen . . .
Marangu, VII. 563 †

Resultate . . . meteorologischer Re-
gistriapparate: H. Maurer, XVI.
580

Photographs: H. Siedel, XVI. 250

Railways—

Deutsch-ostafrikanische Zentralbahn:
W. Oechelhäuser, XV. 551 †, 665 †;
Fr. Woas, VIII. 652 †; Eisenbahn-
projekte: L. Bernhard, X. 229 †

Africa, German S.W.—

Geology and Orography: A. Schenck
on, II. 66; Planting Experiments,
XVIII. 90; Progress and prospects
(Hindorf and Dove), V. 485;
(Leutwein), XII. 414; (Water-
meyer), XVII. 74

Besiedelung Deutsch-Südwestafrika:
E. von Reichenbach, XIV. 227 †

Buren in Deutsch-Südwest-Afrika:
P. Langhans, XV. 306 †, XVI. 251 †

Charakter . . . der Bantu Deutsch-
Südwestafrikas: P. H. Brincker,
XVII. 323 †

Deutsch-Südwestafrika: Rehbock,
XI. 198 †; XIII. 323 †, 421 §; Do.
im Jahre 1900: G. A. Kannen-
giesser, XVIII. 110 †

im Ver-
gleich zum übrigen Süd-Afrika:
A. Schenck, XIX. 656 †

Wissen-
schaftliche Aufgaben: K. Dove,
X. 229 †

AFRICA, GERMAN S.W.**Africa, German S.W.—continued.**

- Eingeborenen Deutsch-Südwest-Afrikas: P. H. Brincker, XVI. 488 †
 Etudes sur les Colonies allemandes: H. Hauser, XIV. 681 †
 Flussthäler des südwestlichen Gross-Namalandes: F. Gessert, X. 649 †
 Geographische Bezeichnungen in der Namaspache: K. Dove, XVII. 323 †
 Kaoko-Gebiet: Hartmann, IX. 577 †
 Kolonisation, Geschichte der: C. von François, XV. 551 †
 Kreuz- und Querzüge in Deutsch-Südwest Afrika: K. Dinter, XVIII. 109 †
 Landvermessungs- und Fortschreibungssystem der Kapkolonie, und seine modifizierte Anwendung in Deutsch-Südwestafrika: H. Görgens, XVIII. 329 †
 Mit Schwert und Pflug in Deutsch Südwestafrika: K. Schwabe, XIV. 337 †
 Nama und Damara, Deutsch-Süd-West Afrika: H. von François, VIII. 311 †, 480 §
 Postverbindungen in Deutsch-Südwestafrika, XV. 297 †
 Vegetationsverhältnisse in Swakopmund, XVIII. 329 †
 Wirtschaftlichen Aussichten Deutsch-Südwestafrikas im Vergleich mit dem übrigen Südafrika, XVIII. 110 †
 Wirtschaftliche Erschliessung Deutsch Südwest-Afrikas, XIII. 563 †
 Zur Namenkunde von Deutsch-Süd-Westafrika: P. H. Brincker, VII. 332 †
 Cartography, surveying—
 Astronomische Breitenbestimmungen: Oberl. Streitwolf, XX. 125 †
 ——— Ortsbestimmungen in Südwest-Afrika: Haupt. von Estorff, XIV. 227 †
 Besitzstands-Karte von Deutsch-Südwest-Afrika, XX. 678 †
 Vorläufigen Karte des Koncessions-Gebietes: Hartmann, X. 229 †
 Exploration—
 Dove, K.: Reise im südlichen Damaraland, IX. 239 †; Reiseroute zwischen dem Khous-Gebirge, etc., IX. 247 †; Von Walvischbai nach Otjinbingue, I. 84 †
 Düttmann, E.: Reiserinnerungen aus dem Nordwesten Deutsch-Südwest-Afrikas, XIX. 107 †
 Eggers: Bericht über eine Reise nach dem Okavangogebiet, XVI. 561 §, 580 †
 Esser, M.: Meine Reise . . . , IX. 577 †; X. 212 §
 Fleck, E.: Reise in die Tsauchabschlucht, XV. 665 †

AFRICA, SPANISH W.**Africa, German S.W.—continued.**

- Gessert, F.: Land zwischen Inachab und Bethanien, XVI. 250 †
 Hartmann, G.: Ambo-Land . . . , XX. 356 †
 Pfeil, Count, II. 20
 Volkmann: Reise von Grootfontein nach dem Okavango, XIX. 656 †
 Watermeyer, J.: Bericht über eine Reise nach dem Norden des Schutzgebietes, XVIII. 91 †; Notes on Journey in Germ. S.W. Africa, XVI. 368 †
 Meteorology—
 Meteorologischen Beobachtungen in Swakopmund, XVI. 368 †
 Regenmessungen in Deutsch-Südwestafrika, XV. 438 †
 Seewind von Deutsch-Südwestafrika: F. Gessert, XI. 198 †
 Railways, XI. 181, 570
 Bahn Swakopmund-Windhuk: Oberst. Gerding, XVII. 554 †
Africa, Portuguese E.—
 Africa oriental portugueza; D. Grove, XI. 199 †
 Anglo-Portuguese delimitation commission, Geographical results: J. J. Levenson, II. 505 *
 Barue Country: A. J. Arnold, XVIII. 514 *
 Bassin du Nkomati: A. Grandjean, XVI. 124 †, 350 §
 Cartographie de . . . Lourenço Marques: A. Grandjean, XVI. 125 †
 Country E. of Sabi; Bishop Knight-Bruce, I. 344 *
 Development, IV. 362
 Etudes sur les colonies portugaises: H. Hauser, XVIII. 233 †
 Expedition from Port Amelia to Lake Nyassa: Spilsbury, XIX. 400 †
 Goungounyane et son règne: Dr. Liengme, XIX. 108 †
 Macombe's Country: C. Peters, XVI. 369 †
 Map: Africa Oriental Portugueza (Com. de Cartographia, Lisbon), XI. 691 †
 Photographs of Barue Country: A. J. Arnold, XVIII. 464
 Portug. Province of Gaza: G. da Costa, XVI. 350 §
 Route from Rovuma to Nyassa: Archd. Maples, I. 70, with map
 Table mountain in: Churchill, V. 272
 Through Gorongosa and Land of the Barue: W. H. Robins, XVII. 211 †
 Trade of Mozambique and Quillimane, XVI. 251 †
Africa, Portuguese W.: see Angola, etc.
Africa, Spanish W.—
 Africa española. Convenio especial celebrado entre España y Francia, XVIII. 233 †

AFRICA, SPANISH W.

Africa, Spanish W.—*continued*.

El Derecho á la ocupación de territorios en la Costa occidental de Africa, etc.: C. F. Duro, XVIII. 110 †
Guinea española, XVIII. 233 †

Africanus, L.: History and description of Africa: R. Brown, VIII. 530 †; Ditto: C. Schefer, XII. 433 †, XIII. 559

Afridi, Tirah, XII. 345, 355

Aga tribe, Abyssinia, XVIII. 54

Agadez, Sahara, XVII. 139

Agamennone, G.: I terremoti nell' isola di Labuan, XIII. 213 †; Il terremoto di Balikesri, XV. 437 †; Il terremoto nell' isola di Haiti, XIII. 458; Sismoscopio elettrico a doppio effetto per le scosse sussultorie, XVI. 258 †

Agassiz, M. F.: Un Voyage à Borneo, Sambas, I. 564 †

Agassiz, A.—

Antarctic Exploration, III. 23

Cruise of *Albatross*, XV. 182, 285, 302 †, 425, 443 †, 649; XVI. 128 †, 255 †

Expedition to the Maldives, XIX. 480 *; XX. 123 †, 243 †

Gulf Stream, IV. 381 †

Islands and Coral Reefs of Fiji, XI. 456 †

Notes from the Bermudas, IV. 190 †, 274

Tertiary elevated Limestone Reefs of Fiji, XII. 525 †, 544 †; XIII. 199

Visit to Great Barrier Reef, IX. 109 †

—, A. R.: Commercial relations with Chinese Manchuria, IV. 534 *

Agassiz, Lake, genesis of: J. B. Tyrrell, IX. 240 †; Glacial Lake: W. Upham, XI. 316 †

Agave Rigida sisalana (ill.), XV. 18

Age-terms for description of land-surfaces:

W. M. Davis, XI. 554

Agherov Dagh, Kurdistan, XVIII. 122

Agnano, Lago: mineral springs, X. 434

Agnese, Baptista, and American Cartography in the sixteenth century: J. Winsor, X. 460 †

Agostini, G. de—

Bathymetrical Observations in Italian Lakes, XIV. 441; Bathometrie der Italienischen Seen, XIX. 394 †

Esplorazioni idrografiche nei laghi vulcanici della Provincia di Roma, XI. 449 †

Lago del Matese, XIV. 111 †

— di Canterno, XII. 537 †

— d'Orta, IX. 677 †

Agostini, J.: Pnom-Penh (Voyage du Cambodge), XII. 324 †

Agram—

Untersuchung über die Wirkungen des Erdbebens . . . in: A. Weixler, VIII. 646 †

— über etwaige in Verbindung mit dem Erdbeben von Agram

AIN

. . . Niveauperänderungen: F. Lehl, VIII. 646 †

Agricultural Census, The Next: W. E. Bear, XV. 662 †

— Depression, Report of Royal Commission: W. Smart, XIII. 212 †

— Products of the World, Production and Distribution, I. 472 †

— Returns of Sussex, XV. 353

Agriculture—

Demeter und Baubo: E. Hahn, XII. 104 †

Evolution de l'agriculture: H. Hitier, XIX. 533 †

In Kent, C. Whitehead on, XV. 531

Landbauzonen der aussertropischen Länder: T. H. Engelbrecht, XIII. 461 †; XV. 52 §; Ditto: A. Hettner, XVIII. 647 †

Production and distribution of principal agricultural products of the World, I. 472 †

Reports, Eleventh Census of the U.S., VIII. 312 †

Ursprungsgebiet und Entstehungsweise des Ackerbaues: E. Hahn, XIX. 781 †

Agronomic Map of Ferté-sous-Jouarre: note by M. Gatellier, IV. 380 †

Agronomisch-Geologische Kaart, Beschouwingen: J. Lorie, VIII. 412 †

Agro-Romano, Storia fisica dell': G. de A. d'Ossat, VII. 561 †

Aguilar, J. N.: Estado actual y porvenir del Archipiélago Filipino, IV. 86 †; V. 89 †; Mindanao, su Historia y Geografía, V. 508 †

—, R.: Manu river, Peru, as waterway, X. 443

Aguilera y Delgado, D. A.: Historia de la provincia de Ciudad-Real, IX. 234 †

Aguirre, E.: Notas geológicas sobre la Sierra de la Tarta, X. 651 †

Agulhas current, I. 556

Agurai, Morocco: altitude, IX. 642

—, the town of the Renegades: W. B. Harris, XII. 98 †

Agurzga, Morocco, V. 323

Ahlenius, K.: Beiträge zur Kenntnis der Seenkettenregion in Schwedisch-Lappland, XVIII. 616 §, 634 †; Olaus Magnus' framställning . . . geografi, VII. 568 †; Sjöforskningar i Lappland, XX. 121 †; Till kännedom om Skandinavien geografi och kartografi, XVI. 694 †

Ahwaz-Burujird road, Persia, X. 593, 597

Aidab, Jebel, Egypt, I. 414

Ailio, J.: Ueber Strandbildungen des Litorinameeres auf der Insel Mantsinsaari, XV. 547 †

Ailsa Craig, Natural History of: J. Smith, J. B. Paterson, and H. B. Watt, XVIII. 323 †

Aimola, Somaliland, VIII. 134

Ain, Géographie du Département de l': J. Corcelle, XVII. 443 †; Géographie militaire: Id., XII. 624 †; XIII. 675 †

AIN EL-FESHKHAH

- Ain el-Feshkha, el-Hajar, el-Asbah, and Kh. Kumran: E. Masterman, XX. 244 †
- Ainsworth, J.: Description of Ukamba Province, XVII. 676 †; Journey from Machako's to Kitwyi, VII. 406 †; Report on Ukamba, XIX. 216 §
- , W. F.: obituary, IX. 98;
- Sources of Euphrates, VI. 173 *
- Ainu and their Folk-Lore: J. Batchelor, XIX. 653 †; Economic Plants: J. Batchelor and K. Mizabe, III. 252 †; Words as illustrative of Customs, etc.: J. Batchelor, X. 455 †
- Air, Sahara—Ghat et les Touaregs de l'Air: H. Schirmer, XIII. 93 †, 418 §
- Air: *see* Atmosphere
- Airaghi, C.: Le Dembelas, VII. 678 †
- Aird and Purari rivers, Discovery: T. F. Bevan, XIII. 96 †
- Aire river, Yorkshire; source, X. 535
- Airola, Italy; landslip, XIII. 194
- Aisar, Wady al, Arabia, IV. 320; Himyaritic ruins, IV. 325
- Aische-en-Retail, Etude de Géographie locale: E. Verhelst, VII. 327 †
- Aisen river, Patagonia, XVI. 24, 201; exploration, X. 329; Expedición Esplorado del: J. Steffen, X. 651 †; XI. 183
- Ait Atta, tribe, Morocco, V. 329, 333
- Ait Yahia, Morocco, V. 325
- Aitchison, J. E. T.: Biography, XIII. 461 †
- Aitken, J.: On number of dust particles in Atmosphere, VIII. 424 †
- Aitoff, D.: Transcription des noms géographiques, IX. 689 †; letter on Cartography of Lake Aral, XX. 110
- Aitton, D.: De Oranje Vrijstaat, XVI. 370 †
- Aix, Isle of: Carte plan dressée par Cornuau en 1672: A. Pawlowski, XVIII. 454 †; XIX. 393 †
- Aix-la-Chapelle: *see* Aachen
- Aiya, V. N.: Census of Travancore, VII. 330 †
- Aiyah river, Abyssinia, XVIII. 50
- Aja river, Kamerun, XVIII. 215
- Ajidaria, lagoon: *see* Karabugas, Gulf of. Ajmer, India, Origin: G. Bühler, XI. 311 †
- Ajusco ridge, Mexico, VIII. 138, 144
- Akaba, Gulf of, *Pola* Researches, VIII. 181, 403
- Akabar, or plateau of Hadramut, IV. 318
- Akabat et Kahza, VII. 524
- Akanyaru river, C. Africa: *see* Kagera
- Akar river, Borneo, I. 196; XVI. 42
- Akara tribe, E. Africa, XVI. 618
- Akarnania and Ætolia: R. B. Richardson, XVIII. 225 †
- Ak Ata Bai, Turkoman tribe, X. 571, 575
- Ak-Bilis, river, C. Asia, II. 401
- Ak-Chai, river, Asia Mi., IX. 41
- Akenyaru, river, C. Africa: *see* Kagera
- Akerblom, F.: Positions géographiques déterminées . . . pendant l'expédition

ALANDS-INSELN

- suoëdoise au Grönland, XVII. 214 †; XVIII. 237 †
- Akers, C. E.: Argentine, Patagonian and Chilian Sketches, II. 91 †
- Akhdar, Jebel, Oman, VI. 110; XVIII. 465
- Akik, E. Africa; as future trade-centre, VI. 571
- Akikuyu tribe, E. Africa, XX. 24
- Akinfiyeff, I.: Alpine Plants of Central Caucasus, XII. 186 §, 206 †; Desiccation of Caucasus, V. 377 §
- Akka tribes and headress, XV. 500, 512
- Akka-Tagh, Tibet, VII. 460, 462; IX. 550
- Akobo river, Sudan, XIX. 385, 671; XX. 392
- Akpara, W. Africa, X. 352
- Aksai Chin, N. Tibet and: H. P. Deasy, XIII. 155 *
- Aksu river, or Murghab, C. Asia, II. 401; VIII. 47, 50, 98, 262; XIII. 442; as source of Oxus, Lord Dunmore on, III. 117; passes from valley, VIII. 110
- Aksun, Abyssinia: J. T. Bent's expedition, I. 355
- Ak-tuguruk, Tibet, IX. 553
- Akuishi-jima, Liu-kiu Is., V. 292
- Akuni-kima, Liu-kiu Is., V. 295
- Akureyri, Iceland, III. 273
- Al Balad, Arabia; ruins, VI. 115, 134
- Al-Battani, Le tabelle géographique d': C. A. Nallins, XII. 330 †
- Al-Birain, Arabia, VII. 526
- Al Garun, Arabia; ruins, IV. 327
- Al Gran, Arabia, IV. 326
- Al Had, Arabia, IV. 327
- Al-Kadhr, Arabia, IX. 530
- Al Haijat, Oman, VII. 536
- Al-Huwarizmi e il suo rifacimento della Geografia di Tolomeo: C. A. Nallino, VI. 398 †; Al-Khuwarizmi et son remaniement de la Géographie de Ptolémée: C. Nallino, VIII. 195 †
- Al-Kais: *see* Kais
- Al Kaiti, family of Yafi tribe, IV. 322
- Al Katan, palace of Sultan Sallah bin Mohamed of Shibam at, IV. 323
- Al Khabt, Arabia, XII. 42
- Al Ma'a, Arabia, XII. 49
- Al Makuba pass, Oman, VII. 531
- Alabama, Internal Improvements: W. E. Martin, XX. 358 †
- Aladar, G.: Jean Xantus, VI. 397 †
- Alagabiet Hill, C. Africa, IX. 381, 390
- Alagös, Pastuchows Besteigung des: N. V. Seidlitz, VIII. 412 †
- Alai mts., C. Asia, II. 396; XI. 241, 664; summer camps and climate, XI. 242
- à l'Amou-Daria, De l': F. de Rocca, IX. 238 †
- Alakalof tribe, Argentina, XVIII. 577
- Alaki, Wadi, Sudan; gold-mines, VIII. 346
- Ålands-Inseln, Die: A. Weis, VIII. 189 †; Travels in Åland Isles: W. Deecke III. 251 †

ALANSO

Alanso river, Patagonia, XVI. 21

Alashan desert, China, XV. 417

Alaska—

Agriculture: W. H. Evans, XII. 99 †

Alaska: O. J. Klotz, IV. 377 †

——: F. Pasteyns, XIX. 773 †

—— and its Glaciers: Lady Grey

Egerton, I. 377 †

—— as it was and is: W. H. Dall,

VII. 333 †

Altitudes: H. Gannett, XVIII. 551 †

Chatham and Peril Straits and Cook's

Inlet, Harbours, etc.: H. Rodman,

VIII. 312 †; XII. 99 †

Civil Government: Hon. G. C. Per-

kins, XII. 100 †

Climatic Conditions: A. W. Greely,

XII. 100 †

Coast Pilot Notes, XVII. 212 †

Findlay's Sailing Directory: Br.

Columbia and Alaska: W. R.

Kettle, XII. 434 †

General Geography: H. Gannett,

XVIII. 233 †

Geographic Dictionary: M. Baker,

XX. 669 †

Geographical Notes: W. H. Dall,

VIII. 190 †

Glaciers, XII. 558

——, Notes on: O. J. Klotz, XIV.

523 *, XV. 299 †

Gletscherbai: G. Greim, X. 122 †

Ice-cliffs on Kowak-river: J. C.

Cautwell, IX. 241 †

Indians of S.E. Alaska, etc.: E. C.

Semple, XII. 434 †

L'Alaska: E. Richet, XII. 100 †

Lynn Canal and Taiyá Inlet: G.

Davidson, XV. 667 †

Magnetic Declination: C. A. Schott,

VI. 489 †; X. 230 †

Minder fra Alaska af ingenir O. F.

Moe, XVI. 489 †

Mountain goat, Apparently new

species of: D. G. Elliott, XVIII.

233 †

Mountaineering: J. C. Russell, IX.

240 †

Possibilities: C. C. Georgeson, XX.

127 †

Reindeer, Introduction of, S. Jackson

on, XVII. 76

——, Domestic, Annual Report,

XVI. 701 †

Report of Governor, XVI. 701 †

Willows of Alaska: F. Coville, XIX.

108 †

Boundary—

Commission, II. 553; Exchange of

Notes, XV. 195 †; Question of,

XVII. 555; Survey, I. 550; (re-

sults), V. 81, 172

Alaska-Canada Boundary Dispute:

T. Hodgins, XX. 559 †

Alaska-Grenzfrage, XIV. 583 †

ALASKA

Alaska—continued.

Alaskan Boundary: M. Baker, VIII.

419 †

—— Question: H. Town-

send, XIV. 682 †

—— Survey: T. C.

Mendenhall, etc., I. 567 †

Alasko-Canadian Frontier: T. W.

Balch, XIX. 773 †

Délimitation de la frontière entre

Alaska et la Colombie britannique:

M. Laussedat, V. 182 †

Cartography and Surveying—

Geodetic Positions: C. A. Schott, X.

230 †

Maps: Cape Nome and adjacent

Mining Districts: E. Carlsen,

XVIII. 653 †; Cape Nome and

Golovin Bay: C. Kemp and A.

Kingsbury, XVIII. 653 †; Der

Küstendistrikt von Süd-ost Alaska;

A. Lindenkohl, V. 190 †; Explana-

tion of an Indian map of rivers

from Chilkah to Yukon: G.

Davidson, XVIII. 332 †; Maps in

Library of Congress on Alaska: P.

Lee Phillips, XII. 542 †; Mining

District: Cotton and Co., XI. 109 †

Surveys: U.S. Coast and Geodetic

Survey XV. 440 †, 442; XVII.

663; U.S. Geological Survey: F.

C. Schrader, XX. 127 †; Surveys

proposed 1902, XX. 106

Exploration, XVIII. 234 †; XIX. 609;

(1898), XVIII. 332 †; American,

XIII. 305; XIV. 322; Geological,

XVII. 431;

Abruzzi, Duke of: Ascent of Mount

St. Elias: F. de Filippi, XVI.

252 †; Spedizione di . . . Duca

degli Abruzzi al Monte Sant' Elia:

F. de Filippi, XV. 195 †; Spedi-

zione del Duca degli Abruzzi all'

Alaska, XI. 201 †

Bering and Chirikof: voyages on

Coast, XIX. 756, 774 †

Brooks, A. H.: Expedition, XX. 543

Copper River Exploring Expedition,

W. R. Abercrombie commanding,

XVIII. 233 †

Ethnological Results of Point Barrow

Expedition: J. Murdock, III. 439 †

Glenn, E. F., and W. R. Abercrombie,

reports, XVIII. 233 †

Hallock, C.: Two Hundred Miles up

the Kuskokwim, XI. 570 †

Harriman Alaska Expedition: Bur-

roughs, Muir, Grinnell, etc., XX.

247 †; H. Gannett, XV. 66, 195 †,

298; T. Kincaid, XVIII. 234 †

Herron, J. S.: Explorations for All-

American Overland Route, XX.

105, 127 †

Hitchcock, M. E.: Two Women in

Klondyke, XV. 84 †

Nordenskiöld: Expedition, XI. 669

ALASKA

Alaska—continued.

- Reid, H. F.: Report of expedition to Muir Glacier, III. 532 †
 Russian-American Mining and Exploration Company, XVI. 125 †
 Schneider, M.: Au Cap Nome, XVIII. 234 †
 Seidmore, E. R., III. 348 †
 Stanley-Brown, J.: Shishaldin as a Field for Exploration, XIV. 583 †
 Taylor, C. M.: Touring Alaska and the Yellowstone, XIX. 108 †
 Undiscovered Island off N. Coast of Alaska: M. Baker, Capt. E. P. Herendeen, and General A. W. Greely, II. 281 †
 Windt, H. de: Through Gold Fields of Alaska to Bering Straits, XI. 685 †; H. de Windts Reisen an der Beringsstrasse, X. 122 †

Minerals—

- Alaska and its Mineral Resources: S. F. Emmons, XII. 100 †
 ——— and Klondike: A. Heilprin, XIV. 583 †
 ——— et les Mines d'or du Klondyke: J. Cambefort, XI. 316 †
 Alaskan Goldfields, etc.: S. C. Dunham, XIII. 564 †
 Cape Nome Gold District: F. C. Schrader, XV. 440 †
 Coal and Lignite of Alaska: W. H. Dall, XI. 316 †
 Goldfields, Reconnaissance of: G. F. Becker, XIV. 339 †
 Mineral resources, IX. 667
 Terrains aurifères dans le Canada et l'Alaska: P. Serre, XII. 634 †

Photographs—

- Alaska and Br. Columbia: W. H. Cook, XIX. 538; Alaska and Herschel I.: M. Marsden, XIX. 788; Robinson mts.: H. T. Burls, XIII. 104
 Alatinibi mts., E. Africa, IX. 562
 Albania—description of country and people, III. 323; IV. 401
 Albania and the Albanians in 1898: H. Callan, XIV. 578 †
 Botanische Original-Karte von Mittelalbanien und Epirus: A. Baldacci, X. 323, 346 †
 Italia e la questione albanese: A. Baldacci, XVIII. 228 †
 Itinerari albanesi: A. Baldacci, XI. 193 †; XVI. 574 †
 Pflanzengeographische Karte von Mittel-Albanien: A. Baldacci, XI. 89 †
 Photographs of Albania, Servia, and Macedonia: N. Buxton, XV. 308
 Reisen in Albania: L. Glück, VIII. 646 †
 Streifzüge in Ober-Albanien: K. Hassert, XI. 308 †, 422
 Wanderungen in Nord-Albanien: K. Hassert, XII. 428 †

ALDABRA

- Albany, Settlement: J. B. Firth, XIX. 106 †
 Albatros, Die Missions-Reise S. M. Schiff's: J. von Mauler und W. Kesslitz, XV. 670 †, XVI. 230
 Albatross; expedition in Pacific, XIV. 215; XV. 182, 285, 425, 649
 Cruise of the: A. Agassiz, XV. 302 †, 443 †
 Deep Sea exploring expedition of: H. M. Smith, XIV. 688 †
 Albe, Abbé: "Glanures" spéléologiques sur le Causse de Gramat, XI. 564 †
 Albéca, A. L. d': Au Dahomey, IV. 577 †
 Albert of Monaco, Prince: see Monaco, Albert Prince of
 Albert Edward Nyanza, Lake, XVII. 15, 19; altitudes, VI. 323; mountains to west, XIX. 22; Sharp's explorations, XIV. 662; shrinkage and geysers, XVI. 175
 Bassin de l'ancienne mer intérieure "Albert Edouard," etc.: A. J. Wauters, IX. 576 †
 Mission Versepuy au lac Albert Edouard: B. de Romans, IX. 462 †
 Albert Nyanza, Lake, C. Africa, IX. 369
 370, XVII. 14; road from Hoima, XX. 611; Exploration: A. Sharpe, XIV. 662
 Alberta, Climate: R. F. Stupart, IX. 106 †; Glacial Deposits of South-Western Alberta: G. M. Dawson, VI. 488 †
 Alberto, G.: Descobrimento das Filipinas pelo navegador Portuguez Fernão de Magalhães, XIV. 466 †
 Albóff, N.: Flora of Caucasus, XI. 427; Typical Features of Abkhazian Forests, III. 140
 Alboran: Archduke Ludwig Salvator, XIII. 556 †
 Albrecht, T.: Bericht über den Stand der Erforschung der Breiten-variation, XI. 572 †; XVI. 256 †; Veränderlichkeit der geographischen Breiten, XIX. 406 †
 Albu, J.: Ein Besuch in Bizutun, II. 473 †
 Album géographique: M. Dubois et C. Guy, XI. 460 †; XII. 331 †; XIV. 236 †
 Albuquerque, A. de, A idade de; J. J. de B. Rebello, X. 234; voyages to coast of Oman, X. 615
 Albuquerque, N. Mexico: W. Libbey's expedition, X. 214
 Albarina or Chiriqui bay, C. America, X. 72
 Alcester, Adm. Lord, obituary: Sir C. R. Markham, V. 497
 Alcock, Sir R.: death, X. 565; obituary, X. 643; on S. Borderlands of Afghanistan, IX. 420; work in Far East (Biography), XI. 459 †; The Englishman in China during Victorian Era, as illustrated in career of Sir R. Alcock: A. Michie, XVII. 217 †
 Aldabra Is.—Coccolithen und Rhabdolithen nebst Bemerkungen über den

ALDERSON

- Aufbau und die Entstehung der Aldabra-Inseln: A. Voeltzkow, XX. 466 †, 541 §; Die von Aldabra bekannte Flora und Fauna: A. Voeltzkow, XX. 466 †; Flora: H. Schinz on, XI. 70
- Alderson, E. A. H.: With Mounted Infantry and Mashonaland Field Force, XII. 98 †
- Alem-Dagh, Ein Ausflug zum: F. Braun, XX. 241 †
- Aleppo, Vilayet, Trade Rep., XVIII. 326 †
— and Adana, Trade Rep., XX. 556 †
- Aletsch glacier, Spitzbergen, XII. 146
- Aleutian Is., IV. 251; IX. 323; Volcanoes, J. Stanley-Brown on, XIV. 567
- Alexander the Great, Sir T. H. Holdich on Route of, IV. 360, 458; Life and Exploits of: E. W. Budge, VII. 449 †; Alexander den Grossen, Die Eroberung Asiens durch: U. Köhler, XII. 330 †
- Alexander VI., Pope; Lines of demarcation of: S. E. Dawson, XVI. 494 †
- Alexander, W.: Climatology of Antigua, XVIII. 553 †; of St. Kitts, XVII. 453 †
- Alexander, Cape, Antarctic, VII. 633
— Land, Antarctic, XVII. 179
- Alexander's Haven, position, VI. 261
- Alexandria—About Alexandria: J. P. Mahaffy, IX. 577; climate, X. 306; Climat d'Alexandrie: E. Franceschi, IX. 577; Temple du Césaréum et l'Eglise patriarcale d'Alexandrie: S. B. Kyrillos, II. XVI. 249 †
- Alexandrovskay Sopka and Taganai, Altitudes: G. Abels, XII. 94 †
- Alexis, Frère: Bilan géographique du XIX^e siècle, XVIII. 242 †
- Alezeitin, Karia, IX. 43
- Alford, C. F.: Structure of Murchison Hills, II. 226
—, C. J.: Explorations for gold in Egypt, XVI. 557; Report on Ancient and Prospective Gold Mining in Egypt, XVI. 367 †
—, H. S. L., and W. D. Sword: Egyptian Soudan, its Loss and Recovery, XII. 632 †
- Alfred the Great, Chapters on his life and times: ed. A. Bowker, XVII. 216 †
- Algäu: *see* Alps
- Algeiras, Bay of, Spain; Notes on defence of, IX. 234 †
- Algeria** (*see also* Sahara)—
- Agricultural condition, Sir R. L. Playfair's Report, II. 552
- Algérie en 1840: X. Stockmar, XII. 630 †
— Méridionale et le Touat: Mandeville, XI. 569 †
- Artesian water-supply, XIX. 563
- Assimilation des indigènes de l'Algérie: Zaborowski, XI. 197 †
- Aurès, Notes sur l': M. Besnier, XIV. 336 †
- Autruche de Barbarie: J. Forest, VII. 442 †

ALGERIA**Algeria—continued.**

- Berbers, Among the: A. Wilkin, XVI. 699 †; XVIII. 305 §
- Causerie à propos de l'observation de l'éclipse totale de soleil . . . en Algérie: R. Gautier, XVIII. 108 †
- Etude sur la province de Constantine: A. Monségur, XV. 193 †
- Etudes de démographie algérienne: Mandeville et Demontés, XVII. 90 †
- France dans le sud Algérien: G. Mercier, XIV. 680 †
- Friedhöfe und Todtengedächtnisse der Eingeborenen Algeriens: H. Grothe-Harkany, VIII. 651 †
- Geology (southern), Capt. Almand on, IV. 364
- Kabyles of Jurjura: J. Liorel, II. 90 †
- L'Algérie: M. Wahl, XI. 453 †
- L'Extrême-Sud algérien et le Touat: J. Hess, X. 228 †
- Libyan Notes: D. Randall-MacIver and A. Wilkin, XVIII. 231 †
- New Winter-land: W. Sharp, III. 160 †
- Notes sur le Chaouia de la province de Constantine: R. Basset, IX. 576 †
- Pays du Mouton, Le, IV. 188 †
- Pêche du corail en Algérie: Layrle, XIII. 559 †
- Railways—Chemins de fer en Algérie: A. Bernard, XV. 193 †
- Régime du bassin artésien de l'Oued Rir: G. Rolland, XII. 324 †
- Ressources militaires de l'Algérie: G. Demanche, IX. 105 †
- Service des Monuments historiques de l'Algérie: S. Gsell, XX. 668 †
- Situation in: A. S. White, III. 438 †
- Situation politique de l'Algérie: A. Bernard, XIII. 559 †
- Sud de la Province d'Alger: Huguet et Peltier, XIII. 679 †
- Trade (Foreign Office Rep.), XII. 541 †; XIV. 680 †; XVI. 579 †
- Vingt-huit jours chez les Tirailleurs algériens: G. Mercier, XII. 630 †
- Western Erg, XIV. 336 †
- Colonization and Travel—
- Cambon, Voyage de, dans le Sud-Algérien: Laurens, VIII. 417 †
- Colonisation agricole en Algérie: H. Busson, XI. 453 †
- Djidjelli, L'expédition de: C. Monchicourt, XII. 630 †
- Duveyrier, H.: From Telemesen to Melilla in 1886, III. 347 †
- Excursions aux gisements de phosphates de Tebessa, XVIII. 231 †
- Fourreau, F.: Positions fixed by, IX. 328; Journey in the Erg, VII. 663; Algeria to Fr. Congo, XVII. 135 *; Alger au Congo par le Tchad, XIX. 196 §; *see* Sahara

ALGERIA

Algeria—continued.

Fourreau-Lamy Mission, XIV. 336 §, 680 †; *see* Sahara

French Surveys in the Algerian Sahara, XII. 412

Galland, de: Excursion à Bou-Saada et M'Sila, XIV. 680 †

Harpe, Lieut. de l': Dans le sud Algérien, XVIII. 108 †

Hochreutiner, B.: Mission scientifique dans le sud-Oranais, XX. 668 †

Huguet, J.: Dans le Sud algérien, XV. 193 †

Kryszanowski, L.: Pénétration du Sahara par l'Algérie, XIV. 336 †

Vuillot, P.: Note sur un voyage de Nefta à Ghadamès (Cazemajou and Dumas), VIII. 530 †

Zeller, R.: Aus dem Algerischen Atlasgebirge, XVI. 579 †

Maps—

Carte de l'Algérie (Service Géographique de l'Armée), † VI. 104; IX. 350; X. 659; XII. 109, 644; XVI. 263; XVIII. 117; Carte topographique, † I. 477; III. 167, 442; IV. 95, 478; V. 509; VI. 493; VII. 228; IX. 119, 691

Algeria and Morocco—

Documents pour servir à l'étude du Nord-Ouest Africain: A. Bernard, X. 552 †

Zone frontière de l'Algérie et du Maroc: P. Vidal de la Blache, X. 552 †

— and Tunis—

Algérie et la Tunisie: P. Leroy-Beaulieu, XIII. 679 †

— et Tunisie (Collection des Guides-Joanne): L. Piesse, XI. 92 †; XII. 541 †

Archæology, etc.: M. Diehl, IV. 282 †

Eucalyptus in Algeria and Tunisia: E. Pepper, VIII. 530 †

Handbook for Travellers: Sir L. Playfair, VII. 213 †

Historical Notices: A. Boutroue, II. 90 †

Map—Atlas d'Algérie et Tunisie: H. Mager, XVII. 686 †

Mission en Algérie et en Tunis: E. Gain, VII. 331 †

Project de Carte de l'Algérie et de la Tunisie: A. Périe, VIII. 530 †

Report on influence of Drought on Vegetables: E. Gain, VII. 430 §

Scientific Expedition to Algeria and Tunis in 1731, M. Grosse on, XX. 453

Shotts of Algeria and Tunis, VII. 678 †

Algiers—as coaling station, III. 517; Guides: G. W. Harris, I. 84 †; III. 71 †; J. C. Hyam, XVI. 249 †

Algo river, C. Asia, IV. 173

Algoa Bay, Cape Colony, Harbour of: R. H. Heenan, XI. 684 †

Algué, J.: Baguios ó Ciclones Filipinos,

ALMANAC

XIV. 335 †; XV. 643 §; Las Nubes en el Archipélago Filipino, VI. 81 †; Les cyclones aux Philippines et dans les mers de Chine, XVI. 486 †; XVII. 549 †; Manila Observatory, XVII. 209 †; Observatorio de Manila, Baguios ó Tifones de 1894, VII. 213 †

Ali Kuh pass, Persia, IV. 493

Alchur, Pamir, VIII. 34; hydrography, VIII. 102; passes, VIII. 111; valley, XVI. 668

Alik Nor, lake, C. Asia, XVIII. 533

Alkabir, Wadi, Arabia; changes of course, IV. 361

Alkallia, W. Africa; altitude, X. 393, 397

Allah-bund in N. W. of Rann of Kueh, Note: R. D. Oldham, XIV. 458 †

Allaki, Wadi, Egypt, I. 409

Allan, A. C.; obituary, XIX. 225

—, G.: Photographs in Swaziland and Tongaland, IV. 384

Aldridge, T. J.: Award to, XVI. 117; Photographs of Hinterland of Sierra Leone, XVII. 561 †; Sherbro and its Hinterland, XIX. 108 †, 199 §; Wanderings in Hinterland of Sierra Leone, IV. 123 *

Alleghanies—Winning of the West: Alleghanies to Mississippi: T. Roosevelt, V. 608 †

Allegheny river, course in Pre-Glacial times, IV. 66

Allegheri tribe, Somaliland, XI. 32

Allemann, E.: Mascate, XVII. 547 †; Souvenirs du Cayor, IX. 462 †

Allen, G.: Bates of the Amazons, I. 380 †; The European Tour, XV. 78 †; Historical Guides, Venice, XII. 537 †; Science in Arcady, I. 380 †

—, J. A.: N. American Mammals, IX. 69; Geographical Distribution of Animals, III. 100

—, P. R.: Periyar Tunnel, X. 339 †

—, S. E. S.: Mountaineering in Canadian Rockies, IX. 107 †

—, W.: Rotuma, IX. 243 †

Allingham, W.: Abnormal Seas, XVIII. 647 †; Doubling Cape Horn, IX. 241 †; Fast passages and best routes, VII. 116 †; Time and its curious contradictions, XVI. 256 †; U.S. Hydrographic Office, XIII. 324 †

Allobrogia, Limiti del Insula: G. Grasso, XII. 440 †

Allott mts., Australia, XI. 261

Alluand, C.: Iles Seychelles, III. 532 †

Allum Pot, Yorkshire, X. 509

Alluvial deposits, towns on, IX. 84

Almanac, Fisherman's Nautical: O. T. Olsen, † IX. 346; XI. 324; XIII. 330; XVII. 98

—, Nautical: *see* Nautical Almanac

—, Annuaire, 1897 (Bureau des Longitudes), † IX. 346; 1898, XI. 324; 1899, XIII. 330; 1901, XVII. 327

ALMANAC

- Almanac xylographique à l'usage des marins bretons: G. Marcel, XVII. 216 †
- Almand, Capt.: on geology of S. Algeria, IV. 364
- Almannagjá, Iceland, III. 264
- Almásy, G. von: Reise nach W. Turkestan und in den Centr. Tiën-Shan, XIX. 395 †
- Alme, H. H.: Om Spitzbergen og den Wellmanske polarexpedition, VII. 117 †
- Almeida, P. C. d': Gogol géographe, VII. 223 †; La colonisation russe contemporaine le long de la Volga, VII. 109; La colonisation russe dans les gouvernements d'Oufa et d'Orenbourg, XIV. 112 †; Les Pyrénées, II. 277 †; III. 52 §
- , W. B. d': remarks on "Johore," III. 301
- Almer, Christian: W. A. B. Coolidge, XIV. 689 †
- Alpenseen: *see* Alpine lakes
- Alpenvereins, Register zu . . . Deutschen und Oesterreichischen: J. Emmer, VIII. 535 †
- Alpes-Maritimes [department; *see below for* Alps, Maritime], Embut de Causols: A. Janet, XIV. 330 †; Sur la tectonique de la partie nordouest du département des: L. Bertrand, VI. 483 †
- Alphabet for Languages not yet reduced to Writing: H. Morris, XI. 462 †
- Alpine Club, Catalogue of Books in Library, XV. 675 †; Future of: Sir M. Conway and D. W. Freshfield, XVII. 565 †; letter to members, XVI. 376 †
- , Russian, XVIII. 628
- , Frontier of France, changes in: P. Sopheau, III. 249 †
- , Lakes, description, I. 350
- Atlas der Oesterreicher Alpenseen: A. Penck and E. Richter, VI. 201 †
- Entstehung der Alpenseen: L. Swerinzew, IX. 685 †
- Glacial origin, I. 482
- Hochgebirgsseen . . . um Sterzing: J. Damian, IV. 83 †
- Morphometry, IV. 265; Dati morfometrici di alcuni laghi prealpini: G. Halbfass, XIV. 329 †
- Origin: A. Heim, III. 536 †
- Sur quelques lacs des Alpes, etc.: A. Delebecque, V. 279 †
- Tiefen- und Temperaturverhältnisse einiger Seen des Lechgebiets: W. Halbfass, VI. 578 †
- , Plants of Central Caucasus: Akinfiëff on, XII. 186
- , Rivers, Daily Variation in Discharge, IV. 562; A. Delebecque's Observations on waters, III. 233
- , Zones, distribution in E. Africa, IV. 511

ALPS

- Alps (*see also* Alps, Eastern, etc., *below*)—
- Adamello-Gebiet, Studien im: W. Salomon, IX. 675 †
- Algäu; Höfats im: J. Enzensperger, IX. 457 †; Tiefen einiger Seen der algaüer Alpen: W. Halbfass, VI. 589 †
- Alpen inmitten der geschichtlichen Bewegungen: F. Ratzel, IX. 335 †
- Alpenkranze des Deffereggerthales: L. Purtscheller, XI. 307 †
- Alpenverein und Alpenforschung: E. Oberhummer, XII. 220 †
- Alpine History, Missing Page in: R. Edgecombe, III. 157 †
- , Journal: Sir W. M. Conway, V. 85 †
- , Memories: F. Javelle, XV. 676 †
- Alps in 1864: A. W. Moore, ed. A. B. W. Kennedy, XIX. 765 †; XX. 638 §
- Balze per faglia sui Monti Lepini: W. Davis, XV. 294 †
- Bursting of the Schwemser-Ferner: G. Greim, IV. 467 †
- Catena della Levanna: W. A. B. Coolidge, XIX. 391 †
- Chamonix and range of Mont Blanc: E. Whymper, XVIII. 320 †
- Classification: A. von Boehm, III. 54
- Climbs in Alps and Caucasus: A. F. Mummery, VI. 201 †
- Dachstein Group, Works on: F. Simony, III. 434 †
- Dent, C. T.: Winter Photographs, II. 166
- Die Deutschredenden Gemeinden in Grauen oder Oberen Bunde der Schweiz: W. A. B. Coolidge, III. 434 †
- Early nomenclature, III. 513
- From the Alps to the Andes: M. Zurbriggen, XV. 200 †
- Gottesackerplateau in der Gebirgsgruppe des Hohen Ifen: M. Eckert, XVII. 442 †
- Gurgler Kamm, Der: G. Becker, IX. 457 †
- Handelsstrassen über die Alpen: A. Hedinger, XVII. 83 †
- Haug, E.: studies, IV. 366
- History and explorations, III. 230
- , of Mt. Iseran: H. Ferrand, III. 69 †
- Homme devant les Alpes: C. Len-théric, IX. 334 †
- Karren oder Schratten: M. Eckert, XII. 90 †
- Langkofelgruppe, Die: C. Schuster, IX. 457 †
- Lakes of: *see* Alpine Lakes
- Latemargruppe, Die: T. Christomannos, XVII. 443 †
- Massif d'Ambin: W. A. B. Coolidge, IX. 675 †

ALPS

Alps—continued.

- Massif de Coslette: W. A. B. Coolidge, XII. 91 †
 — du Rutor, etc.: H. Ferrand, III. 248 †
 Mittelalterlicher Verkehr und Handel über unsere Alpenpasse: G. M. von Knonau, XVIII. 630 †
 Nordföen zu Tragöss: R. Klein, XVII. 442 †
 Oetzthal and Stubai (Deutscher und Oesterreichischen Alpen-Verein), IV. 93 †
 Ortsnamen der östlichen Alpenländer: O. Redlich, XI. 307 †
 Physical History, Penck on, XX. 650
 Pitzthal, Das: R. Schuchert, XVII. 442 †
 Plaudereien eines Kartographen: S. Simon, III. 256 †
 Préalpes Romandes: H. Schardt, XIV. 109 †
 Problème Alpin: A. de Lapparent, XIX. 765 †
 Quiet corner of the Alps, A: V. Dingelstedt, III. 529 †
 Récoloration des Alpes: H. Dufour, VII. 219
 Regione alpina: D. Giannitrapani, XIV. 111 †
 Salzburger Bucht, Die: J. Jaeger, XVIII. 224 †
 Sellagruppe: K. Bindel, XVII. 442 †
 Snow-covering, Influence of, on Climate: E. Brückner, III. 255 †
 Topography and Historical Geography, II. 484
 Tunnels, Great Alpine: F. Fox, XVI. 483 †
 Ueber die angebliche Aenderung der Entfernung zwischen Jura und Alpen: E. Brückner, III. 157 †
 Vernagtferner: A. Penck, XVI. 694 †
 Zugspitze, Observatorium auf der: W. Burkhard, XVII. 443 †
- Flora—
 Alpenflora in ihren Beziehungen zum Klima: P. Wagner, XII. 425 †
 Beziehungen zwischen Bodenbeschaffenheit und Flora in den Alpen, XVII. 206 †
 Flora of the Alps: A. W. Bennett, XIV. 674 †
 Leben der Alpenpflanze: F. Pax, III. 674 †
 Plantes des Alpes austro-orientales, Sur la distribution des: R. Chodat et R. Pampanini, XX. 665 †
 Verbreitung einer *Dianthus*-Gruppe: F. Vierhapper, XV. 445 †
 Vertical Distribution of plants on Orler Alps, VIII. 519
 Waldmisshandlung: A. von Guttenberg, XIII. 688 †
 Wissenschaftlichen Aufgaben alpiner Versuchsgärten: R. von Wettstein, XVII. 442 †

ALPS

Alps—continued.

Geology—

- Adamello-gruppe, Geologische Aufnahmen in der östlichen Hälfte der: W. Salomon, XVIII. 320 †
 Appliquer à une région de la France, à une portion de la chaîne Alpine, l'analyse des circonstances géologiques, etc.: M. Lugeon, XVII. 318 †
 Geological excursion, IV. 61
 Geologische Wanderungen im Rhätikon: A. Rothpletz, XVII. 442 †
 Ogilvie, Miss: Lectures, III. 421
 Studio idro-geologico sulla sorgente della Pollaccia nelle Alpi Apuane: C. de Stefani, VIII. 188 †
 Glaciers, XIV. 316
 Alpen im Eiszeitalter: A. Penck und E. Brückner, XIX. 391 †; XX. 119 †
 Anciens glaciers et les alpinistes préhistoriques: P. Girod, IX. 334 †
 Berg- und Gletscherfahrten in der Montblanc-Kette: G. Euringer, IX. 457 †
 Bernina, Ghiacciai . . . del: L. Marson, XVI. 483 †
 Eiszeitforschung in den Alpen, Einige neue Ergebnisse der: A. Penck, XIX. 648 †
 Eiszeit im Bereiche der Alpen, Die vierte: A. Penck, XVI. 694 †
 Ghiacciai del massiccio del Monte Disgrazia: L. Marson, XI. 307 †
 Ghiacciai italiani del gruppo del Pizzo Bernina: L. Marson, XVI. 483 †
 Glacial Land-forms of Margins of the Alps: H. R. Mill, V. 68*
 Glacial origin of lakes, I. 482: see also Alpine Lakes
 Glaciers des Alpes: F. A. Forel et L. Du Pasquier, X. 546 †
 Gletscherforschung in den Ostalpen, Ueber die neuesten Ergebnisse der, S. Finsterwalder, XVII. 542 †
 * Periodic variations—Variations périodiques des glaciers des Alpes: F. A. Forel and others, †; III. 434; IV. 172; V. 178; VIII. 410; XIII. 86; XV. 77; XVI. 569; XVII. 630; XX. 665
 Sonnblickgruppe, Klimatologie der Gletscherregion der: F. Macháček, XVII. 442 †
- Maps—
 Historischen Atlas des österreichischen Alpenländer: E. Richter, VIII. 526 †
 Sonnblick and neighbourhood: G. Freytag, I. 382 †
 Zur Alpenen Kartographie: L. Obermair, VII. 218 †
 Mountaineering, etc.—
 Ball, J.: Alpine Guide, XII. 573 §;
 Hints for Travellers, XIV. 109 †

ALPS

Alps—continued.

- Blodig und Purtscheller: Aus den Bergen der Maurienne und der Tarentaise, VII. 106 †; IX. 457 †
- Conway, Sir W. M., VI. 478; The Alps from End to End, VI. 482 †
- Coolidge, W. A. B.: Climbs in the Alps, 1865–1900, XVII. 542 †
- Entwicklungsgeschichte des Alpinismus, etc.: L. Purtscheller, V. 404 †
- Forbes, J. D.: Travels through the Alps, XVI. 242 †
- Gallet, J.: Quelques chemins inédits dans les Alpes bernoises, XIII. 211 †
- Maugin, G.: Passage des Alpes . . . par un pèlerin de 1518, XV. 545 †
- Tyndall, J.: Hours of Exercise in the Alps, XIV. 109 †
- Wandertage in den Steiner Alpen: H. Hess, IX. 457 †
- Wherry, G.: Alpine Notes and the Climbing Foot, VIII. 305 †
- Whymper, E.: Scrambles amongst the Alps, III. 68 †; XVI. 569 †
- Wundt, T.: Ascent of Cemone della Pala, I. 466 †
- Yeld, G.: Scrambles in E. Graians, XVI. 483 †
- Orography, etc.—
- Alpine Crust-Basin: M. Ogilvie-Gordon, XVII. 443 †
- Alpine Gipfelcharactere: S. Simon, III. 434 †
- Basses-Alpes, Relief du Sol: P. Zürcher, XII. 425 †
- Coupe . . . des Alpes briançonnaises: Kilian et Lugeon, XIII. 451 †
- Divisions: A. E. von Böhm, II. 184 †; III. 54 §
- Durchbruchsthäler in den Süd-Alpen: K. Futterer, VI. 96 †
- Etudes sur l'orographie des Alpes de la Savoie: E. Ritter, VI. 482 †
- Geomorphologische Untersuchungen in den Hochalpen: E. Richter, XVII. 205 †, 301 §
- Grundlinien der Struktur der Ostalpen: C. Diener, XIV. 674 †
- Hydrographie souterraine . . . du Devoluy: E. A. Martel, X. 225 †
- Lignes directrices de la Chaîne des Alpes: E. Haug, VII. 326 †
- Linea di divisione . . . Alpi e gli Apennini: G. Marinelli, I. 179 †
- Natural Regions: E. Haug, III. 248 †; IV. 366 §
- Oberflächenformen der Hochalpen: A. Herrner, XVIII. 630 †
- Studi orografici nelle alpi orientali: O. Marinelli, XIV. 109 †; XVII. 442 †
- Uebertiefung der Alpen-Thäler: A. Penck, XIX. 391 †
- Vallées des Alpes occidentales: M. Lugeon, IX. 675 †; XIX. 210 §, 648 †

ALSTON

Alps—continued.

- Alps, Austrian: see Austrian Alps
- , Carnic: see Carnic Alps
- , Eastern—
- Die wissenschaftliche Erforschung der Ostalpen, etc.: E. Richter, V. 178 †
- Baedeker's Handbook, VI. 192 †; XIV. 674 †
- Erinnerung an die vorgeschichtlichen Bewohner der Ostalpen: J. Ranke, XVI. 242 †
- Historische Atlas der Oesterreichischen Alpenländer und die Grundkartenfrage: C. Giannone, XIX. 103 †
- Ostalpen in den Franzosenkriegen: H. von Zwiedineck-Südenhorst, XI. 307 †; XIII. 674 †
- Ostalpen, Uebersichtliche Eintheilung der: H. Gerbers, XVIII. 453 †
- Papers on, XI. 307 †
- Snow-layer in Austrian Alps: A. Swarowsky's observations, IX. 557.
- , Ligurian—
- Ligurischen Alpen: F. Mader, IX. 334 †
- , Maritime—
- Höchsten Teile de Secalpen, etc.: F. Mader, X. 646 †; XII. 607 §
- , Western—
- Alpes Franco-Italiennes, Note: A. Rainaud, XII. 425 †
- Alpine Guide: J. Ball and W. Coolidge, XII. 320 †
- Langues dans les Alpes occidentales: C. Garnier, IX. 675 †
- of New Zealand, I. 32; II. 495; IX. 329; First Crossing: E. Fitzgerald, VII. 483 †
- Alpsee, Germany; depth, etc., VII. 199
- Alsace—
- L'Alsace au dix-septième siècle, etc.: R. Reuss, XII. 321 †; XIII. 555 †
- Geschichte der Deutschthums im Elsass: H. Witte, XI. 191 †
- Münsterthal im Ober-Elsass: L. G. Werner, XVII. 85 †
- Niederschlagsverhältnisse im Ober-Elsass: O. Rubel, VII. 327 †; VIII. 394 §
- Seen und Stauweiher, XVII. 206 †
- Vogesen und ihre Thäler im Ober-Elsass: L. H. Werner, XVIII. 631 †
- Wälder des Elsass: Pilz, XIII. 451 †
- Alsace-Lorraine—
- Gerland, G.: Geographical Work, I. 278 †
- Soil-temperatures; W. Böller's observations, VIII. 301
- Some Facts about: T. W. Balch, VI. 193 †
- Untersuchungen über die Bodentemperaturen: W. Böller, VII. 327 †
- Alston, G.: Comparison of Evaporation Results in N.S. Wales and S. Africa, XI. 206 †
- , W. M.: River Clyde and Harbour of Glasgow, XX. 352 †

ALTAI

- Altai mts.—
 Bielukha mt., Sapozhnikof's visit, XVIII. 620
 Glaciers, XI. 177; V. V. Sapozhnikoff on, XII. 97 †; (the Bielukha), XII. 185
 Gobi-Altai, XI. 428
 On the S. Altai: P. Ignatoff, XI. 197 †
 Russian Altai mts.: Soboleff, XII. 207 †
 ——— Explorations, XIX. 578, 597
 Sketch of Immigration to Altai District, XIX. 231 †
 Teleskoie Lake in the Altai; Ignatov's expedition, XIX. 370
 Zoology and Botany: H. J. Elwes, XIV. 204 §, 216 †
 — and Mongolia, After Wild Sheep in: E. Demidoff, XVI. 696 †
 Altain-Nuru mts., C. Asia, XVII. 304
 Altan Khan, I. 142
 Altels, avalanche, VIII. 483
 Alterklassen und Männerbünde: H. Schurtz, XIX. 781 †
 Altinger, P. A.: Die österreichischen Geographen G. M. Vischer, XII. 441 †
 Altitudes, Physiological Effects of high: C. Dent, I. 46*; Sulla determinazione delle altitudini presso gli antichi: G. L. Bertolini, XIV. 346 †; E. Bittanti, XIII. 327 †
 Altmann, Capt. J.: Map of King Charles Land, XIV. 70
 Altmark—
 Arendsee in der: W. Halbfass, † VIII. 528, 634; IX. 232; XIV. 577
 Die südliche Altmark: A. Merten, I. 81 †
 Gräberfeld bei Vitzke in der Altmark: E. Krause, VIII. 647 †
 Hopfenbau in: A. Mertens, XIV. 577 †
 Alton, J.: Enneberg in seinen wirthschaftlichen und socialen Verhältnissen, XVI. 242 †
 Altyn Tagh, C. Asia, III. 455, 457; VI. 279; VIII. 164; IX. 547, 550; XIV. 442; XVI. 99; XX. 312
 Alukthang glaciers, Kangechenjunga, XIX. 457
 Alum Chine, Bournemouth, section of shore, XI. 638
 Alumine river and lake, Patagonia, II. 162
 Alungu tribe, C. Africa, XIII. 596
 Alusch-dagh, Asia M., XX. 652
 Alvarez, M.: Obock et Abyssinie, IV. 87 †
 Alvensleben, O. von: Spitzbergen, IX. 234 †
 Alves, A.: Dom Henrique O Infante, Memoria Historica, V. 187 †
 Alviella, G. d': Des influences classiques dans l'art de l'Inde, XV. 549 †
 Amabile, V. M.: Carte générale de l'île de Cuba, X. 126; La question cubaine, IX. 683 †
 Amadeus, Lake, Australia, II. 553

AMAZONAS

- Amadjuak, Lake, Baffinland, XVIII. 31
 Amakosa, tribe, S. Africa—Les Ma-Khoga: P. Jeanneret, VII. 563 †
 Amambay, Sierra de, Brazil, XVII. 371
 Amambwe tribe, C. Africa, XIII. 596
 Amami-Oshima, Luchu Is., V. 292
 Amanauz glacier, Caucasus, XIII. 429
 Amara country, E. Africa, XII. 78
 Amara tribe, E. Africa, VIII. 137; chief's house, VIII. 221
 Amaral, F. J. F. do.: A. Luciano Cordeiro, XIX. 782 †; biographies of Cordeiro and Vasconcellos, VII. 119 †
 Amarillo river (branch of Sudio), S. America, XIX. 319
 Amaru-mayu, river, Bolivia: see Madre de Dios and Mayu-tata
 Amatovo, lake, Macedonia, XVI. 218
 Amazon river—
 American War-ship on, XVI. 567; Brazilian explorations, I. 346*; Italian expedition, XIV. 213; navigability, depth, etc., XVII. 380, etc.; basin of, IX. 447; Southern drainage area, XVII. 370; tributaries, VIII. 78; XVII. 366
 Cable laying on the Amazon: A. Siemens, X. 122 †, 542
 Currents of: T. Tapajoz, I. 86 †
 Der Amazonas: D. von Schütz-Holzhausen, VII. 335 †
 Early Documents on Discovery of: D. M. de la Espada, I. 86 †
 List of tribes in Valley of: Sir C. R. Markham, V. 609 †
 Map—Mündung des Trombetas in den Amazonas: F. Katzer, XVIII. 245 †
 Naturalist on the Amazon: Bates, I. 183 †
 Navigabilité de: M. Carbajal, X. 341 †
 O Amazonas: O. Leal, V. 284 †
 Reise des amerikanischen Kanonenbootes Wilmington auf dem Amazonenstrom: Z. D. Todd, XIX. 109 †
 Reise im Gebiet des oberen Amazonas: A. Rimbach, XII. 215 †, 191 §
 Stromenge des Amazonas bei Obidos: F. Katzer, XII. 436 †
 Thousand miles up the Amazon: J. Jones, XVI. 490 †
 Upper Dwarf Tribe of: D. G. Brinton, XIII. 217 †
 —, Major O. Kerbey's explorations, XI. 72
 —, R. Payer's Notes on Tyrolese Colony on, II. 267
 Valleys of, etc.: C. De Kalb, X. 651 †
 Amazonas—
 Amazonasgebiet: M. Lamberg, XX. 127 †
 Andes al Amazonas: Recuerdos de la campana del Acre: J. A. Acha, XX. 561 †, 532 §
 Arboretum Amazonicum: J. Huber, XX. 560 †

AMAZONAS

Amazonas—*continued.*

- A través del Amazonas: S. L. Bales-teros, XV. 554 †
- Brazil, Amazons, and Rio Negro: T. M. Teed, III. 168 †
- "Cambarysu" telefono dei Catuquinarú dell' Amazonia: E. H. Giglioli, XVII. 453 †
- Catuquinarú Indians of, Notes on Dr. Bach's visit: G. E. Church, XII. 63
- Hautes régions des Amazonas: A. Viellerobe, XIV. 342 †
- Materiaes para a flora amazonica: J. Huber, XIV. 462 †
- Nel paese delle Amazzoni: V. Grossi, X. 651 †
- Pays des Amazonas, l'El-Dorado, les Terres à Caoutchouc: Baron de Santa-Anna Nery, XIV. 585 †
- Report (Foreign Office), XVI. 584 †
- Tribes: P. E. Ehrenreich, I. 86 †
- Amazonian Provinces of C. Peru, Exploration: A. Ross, III. 440 †
- Ambaca railway, Angola, XI. 552; Chemin de fer d'Ambaka, X. 229 †
- Ambári-vatu I., Madagascar, VI. 228
- Ambala and Hissar districts, India; Gazetteer, II. 185 †
- Ambaya, Wadi, Sudan, VIII. 352
- Amber—Der Bernstein: C. Mauch, VII. 570 †; die Bernsteingruben nördlich von Polangen: A. Zweck, XVII. 546 †; Deposits in Russia: F. T. Koppen, III. 250 †
- Amberg, O.: Beiträge zur Biologie des Katzenses, VIII. 322 †
- Ambin, Massif d': W. A. B. Coolidge, IX. 675 †
- Amboina—
- Ambon in 1647: J. E. Heeres, X. 550 †
- Beschrijving van het schiereiland Letimor volgens W. Mickler: J. van Baren, XVIII. 637 †
- Besuch in: G. Radde, VIII. 416 †
- Der Wawani auf: A. Wichmann, † XI. 568; XII. 432; XIV. 225
- Geologie van Ambon: R. D. M. Verbeek, XV. 295 †; XIX. 525 †
- Reis door einige eilandengroepen der Residentie Amboina: J. H. de Vries, XVI. 697 †
- Amboni, E. Africa, sulphur springs: Bornhardt's account, XII. 189
- Ambriz and San Salvador, determination of latitude: C. Sanders, XVI. 699 †
- Ambrohn, L.: plan for instruction of travellers, III. 240; Refraktionstafeln, III. 76 †; Ueber Grösse, Gestalt und Masse der Erde, VI. 201 †; Geographische Ortsbestimmungen in Ostafrika, X. 121 †
- Ambrosetti, J. B.: Die Entdeckung megalithischer Denkmale in Thale Tafi, IX. 579 †; Estudio de las lenguas del grupo Kaingangue, IX. 108 †; Les

AMERICA

- "Misiones" et les Chutes de l'Yguassu IX. 108 †; Los Indios Caingua del Alto Parana, VI. 490 †; Rapida ojeada sobre el territorio de Misiones, I. 87 †; Viaje á la Pampa Central, III. 534 †
- Ambrosilla, E.: Die Volksdichte am Deutschen Niederrhein, XVIII. 454 † XVIII. 438 §
- Ambrym Is., New Hebrides; Eruption 1894: H. E. Purey-Cust, VIII. 585 *; IX. 110 †
- Amda, Wadi, Arabia, VII. 523
- Amdrup, G.: X. 218; XIV. 449; XVI. 231, 481, 597; Awards, XIX. 630, 648; XX. 115; Beretning om Skibsexpeditionen til Grönlands Ostkyst, XX. 129 †; Den Ostgrönlandske Kystexpedition 1900, XVIII. 114 †; The Danish East Greenland Expedition, XVI. 662 *; XIX. 779 †
- and Hartz, Den Ostgrönlandske Expedition, XVII. 97 †
- , C. Krause, and K. Poulsen: Den Ostgrönlandske Expedition, XV. 671 †
- Ambulissátra, district, Madagascar: fossils, VI. 247
- Ameghino, F.: S. America as source of Tertiary Mammalia, XI. 100 †
- Améha, mt., Venezuela, XX. 288
- Amélie-les-Bains: T. Salomé, XV. 660 †; Le climat, etc.: C. van Merris, IX. 231 †
- Amelineau, E.: La Géographie de l'Egypte à l'époque Copte, II. 564 †
- Amélioration d'une rivière à marée: Hautreux, IX. 685 †
- Amelot, G.: La navigabilité du Mékong, XII. 431 †
- America—
- America and Hungary: A. Mäski, III. 76 †
- Amerika, eine allgemeine Landeskunde: E. Deckert, W. Kükenthal, und W. Sievers, VII. 215 †
- Birds of N. and Middle America: R. Ridgway, XIX. 774 †
- Board of Commissioners for Foreign Missions, Report, XIII. 689 †
- British America (Br. Empire series), XV. 667 †
- Britisher's impressions of Australasia and: Earl of Meath, I. 571 †
- Bureau of Ethnology, Report: J. W. Powell, XI. 454 †; XIX. 401 †
- Commercial Directory of American Republics, XIV. 229 †
- Fishes: D. S. Jordan and B. W. Evermann, X. 121 †; XIV. 119 †; XVII. 678 †
- Fundamental Geographic Relation of the Three Americas: R. T. Hill, VIII. 311 †
- Geographical progress, X. 316; XI. 159
- Glacial Deposits, Classification of

AMERICA

America—*continued.*

- American: T. G. Chamberlin, VI. 392 †
 Impressions of: T. C. Porter, XIV. 461 †
 Indianer und Anglo-Amerikaner: G. Friederici, XV. 667 †
 Indian, English institutions and the American: J. A. James, IV. 579 †
 Influence of new world upon old: J. Rein, I. 539 *
 International Conference, VII. 679 †
 Inter-oceanic communication on the Western continent: G. E. Church, XIX. 313 *
 Menschenopfer . . . in Amerika: K. T. Preuss, IX. 341 †
 Notes sur l'Americanisme: D. Pector, XV. 552 †
 Rise of Bicameral system in America: F. Moran, VI. 392 †
 Trade with India, XV. 436 †; with Siam, XV. 437 †
 Tropical: T. N. Ford, II. 187 †; Die Zahl der Weissen im tropischen Amerika: A. Oppel, VII. 217 †; X. 122 †, 542
 Unexplored Areas, II. 495
 W. Coast, Admiralty survey, XIV. 84; Sailing Directions: J. P. Maclear, IX. 578 †
 Cartography—
 Baptista Agnese and American Cartography: J. Winsor, X. 460 †
 Development of Cartography since 1570: S. Ruge, I. 284 †; X. 460 †
 Maps in Library of Congress: P. L. Phillips, XIX. 401 †
 Discovery and history (*see also below* America, North, Discovery; and South, Exploration)—
 Aboriginal American Languages: D. G. Brinton, XIII. 456 †
 American relations in Pacific and far East, 1784-1900: J. M. Callahan, XVIII. 241 †
 Buccaneers: J. Esquemeling, II. 565 †
 Condition of America in 1837, IX. 591
 Continent of America, its Discovery etc.: J. B. Thacher, IX. 106 †
 Coronado's march, true route of: F. S. Dellenbaugh, XI. 552
 Die Entdeckung Amerikas durch die Nordgermanen: E. Mogk, II. 279 †
 Die Kunde der Entdeckung Amerikas im deutsch-slavischen Osten: O. Schwarzer, XIX. 240 †
 Discoveries of: Hon. G. G. Hubbard, II. 187 †
 Discovery by J. Cabot, etc.: S. E. Dawson, X. 456 †; Do.: H. HARRISSE, X. 554; Entdeckung durch G. Caboto: S. Ruge, X. 554 †; *see* Cabot
 —, from *Quarterly Review*, II. 282 †

AMERICA

America—*continued.*

- Discovery, History of, from oldest to present time: R. Cronau, I. 377 †
 —, influence on History of Plants in Europe: W. Jannicke, II. 567 †
 — of American Continent through Scandinavians: E. Geleisch, I. 87 †
 — of, etc.: H. HARRISSE, II. 474 †; Criticism: L. Gallois, V. 403 †
 — of, The true: Capt. J. W. Gambier, III. 662 †
 Early Voyages, XIII. 662
 Explorations, XIII. 4; Austrian share in scientific exploration of: A. von Marilaun, I. 567 †; Geographischen Forschungen und Reisen: J. M. Jüttner, † XII. 542; XVII. 92; XVIII. 641; XX. 468; My early travels and adventures in America and Asia: Sir H. M. Stanley, VI. 103 †; Progress of exploration during reign of Queen Victoria, XVII. 231 *; Scoperte geografiche del secolo 19: F. Porena, XVII. 218 †
 French colonization, etc.: G. Marcel, I. 568 †
 Hamburg, Commemorative Publication on Discovery, I. 381 †
 History of America before Columbus: P. de Roo, XVII. 212 †
 — of the New World called: E. J. Payne, I. 86 †; XIII. 456 †
 How was America peopled? H. Caracciolo, III. 73 †
 Lines of demarcation of Pope Alexander VI.: S. E. Dawson, XVI. 494 †
 Madoe, Essay on Discovery of: Th. Stephens, II. 568 †
 Maps—Atlas of Discovery, K. Kretschmer, I. 95 †; Berlin Geographical Society, I. 95 † Reproduction of maps relative to discovery of: G. Marcel, III. 259 †
 Mound Builders; recently discovered relics: J. Campbell, XV. 667 †
 Neunhundertjährigen Jubiläum der erster Entdeckung Amerikas: F. Stock, XVI. 131 †
 Photographs of ancient carvings, etc., excavated by Maudslay and Bernoulli, I. 576 †
 Pre-Columbian discovery, III. 426; Recent disclosures concerning: W. E. Curtis, III. 350 †; H. Yule Oldham on, IV. 364; V. 221 *; Sir C. R. Markham on Yule Oldham's theory, V. 239; Oldham's answer, V. 501; J. Batalla Reis on, IX. 185 *
 Sacred Symbols, etc., of Aboriginal, in Ancient and Modern Times: F. Parry, IV. 190 †

AMERICA**America—continued.**

Scoperta dell' America al Congresso degli americanisti del 1900: G. Uzielli, XVII. 677 †

—, attribuita ai Cinesi: L. Nocentini, IV. 91 †; V. 403 †

Some more discoverers of their predecessors' discoveries: M. A. Shipley, XIV. 338 †

Name—

Earliest use, X. 328

Alteste Karte mit dem Namen "America" i. . . des Martin Waldseemüller: F. R. von Wieser, XIX. 661 †

First globe containing the name America, XVIII. 220

— map containing do.: B. H. Soulsby, XIX. 201 *

L'Amérique a-t-elle droit sous ce nom à un nom indigène?: X. Franciot-Legall, IX. 577 †

Per la storia del nome "America": P. L. Rambaldi, XIX. 109 †

Woher hat "Amerika" seinen Namen? XV. 440 †

Woher stammt der Name "Amerika"? Schiller-Tietz, XV. 558 †

Railways—

Intercontinental Railway, XX. 357 †

Nord-südamerikanische Längsbahn: W. Sievers, XVII. 77 §, 453 †

America, Central—

Amérique Centrale: M. J. Duckerts, XVII. 94 †

Architectural Structures: C. Sapper, XI. 99 †

Auf alten Wegen in Mexico und Guatemala: C. Seler, XVI. 701 †; XVII. 192 §

Biologia Centrali-Americana: F. D. Godman, O. Salvin, and A. P. Maudslay, † II. 565; VI. 584; VIII. 191; IX. 463, 578; XI. 685; XIII. 457; XV. 196; XVI. 372; XVII. 559; XX. 360

Cable-interruptions on coast, X. 263

Descubrimiento importante para C. América: E. Pittier, XVIII. 336 †

Die ersten Kriegszüge der Spanier im nördlichen Mittel-Amerika: C. Sapper, XI. 203 †

E. coast, X. 267

Economic development in tropical America: F. C. Nicholson on, X. 542

Ergebnisse seiner Reisen . . . : K. Sapper, XVII. 432 §, 558 †

Ethnographie des südlichen Mittelamerika, Beiträge zur: K. Sapper, XVII. 558 †

Expedition nach Central- und Südamerika: P. Pruss, XIX. 236 †

Foreign Residents in, Report on Legal Status (Foreign Office Rep.), XII. 635 †

AMERICA, CENTRAL**America, Central—continued.**

Geographische Forschung in Mittelamerika im 19 Jahrhundert: K. Sapper, XIX. 659 †

Geologische Bedeutung der tropischen Vegetationsformationen in Mittelamerika und Südamerika: E. Werth, XVIII. 336 †

Hieroglyphic Inscriptions: J. Campbell, XVI. 585 †

Indian Place-names: K. Sapper, IV. 378 †

Mittelamerikanische Reisen 'und Studien: K. Sapper, XIX. 775 †; XX. 221 §

Names, C. American: D. Pector, I. 184 †

Native Calendar: D. G. Brinton, IV. 190 †

Nördliche Mittel-Amerika, etc.: K. Sapper, X. 230 †

Nördliche Mittelamerika in Bezug auf Produktion: K. Sapper, VIII. 420 †

Physical Geography, K. Sapper on, XIV. 95; XVII. 432

Regenfall im Mittelamerika: K. Sapper, X. 214, 457 †

Ruined cities of: G. E. Church, XV. 392

Stanford's Compendium of Geography and Travel: C. and S. America, vol. i.: A. H. Keane, XVIII. 167 §, 337 †; C. America and West Indies: A. H. Keane, XIX. 530 †, 622 §

Ueber seine Reisen in Centralamerika: K. Sapper, XV. 442 †

Ueber Gebirgsbau und Boden des nördlichen Mittelamerika: K. Sapper, XIII. 566 †

Ursprung der mittelamerikanischen Kulturen: E. Seler, XX. 560 †

Verbreitung der Sprachen im Südlichen Mittelamerika: K. Sapper, XVIII. 247 †

Volcanoes, IX. 448; Geographische Bedeutung der mittelamerikanischen Vulkane: K. Sapper, XX. 560 †; Volcanic Studies: K. Sapper, XVI. 478

Canals (*see also* Nicaragua, Panama)—

Canal Routes of Isthmus of Panama, Nicaragua, etc.: T. W. Hurst, XIII. 682 †

Convention . . . relative to Establishment of Communication by Ship Canal between Atlantic and Pacific, XVI. 254 †

Diplomacy of U.S.: J. G. Whiteley, X. 652 †

Inter-Oceanic Canal: C. Levita, XIII. 682 †; Do.: E. R. Johnson, XIV. 569 §, 685 †; Do. in its commercial aspects: J. Nimmo, XIV. 569 §, 685 †

AMERICA, CENTRAL**America, Central—continued.**

- Interoceanic Communication: G. E. Church, XIX. 313 *
 Inter-Oceanic Routes, List of Books on: H. A. Morrison, XX. 248 †
 Interozeanische Kanal; H. Polakowsky, X. 329 §, 457 †
 Isthmian Canal: A. P. Davis, XX. 359 †; Latest route proposed, XIX. 775 †; law of U.S., XX. 560 †

Maps—

- Neue Grenze zwischen Costarica und Columbia, XVII. 569 †
 Regenfall im Mittelamerika: K. Sapper, X. 347 †
 Originalkarte des nördlichen Mittelamerika: K. Sapper, XIII. 574 †

America, North—

- Climates of Siberia and: A. Woeikof on, XI. 296
 Descriptive Geographies from Original Sources, selected by F. D. Herbertson, XIX. 401 †
 Erdbeben . . . von Nord-Amerika: E. Deckert, XX. 468 †
 Ethnology, Report of Bureau of: J. W. Powell, XI. 454 †; XIX. 401 †
 Geographischen Forschung in Nord-Amerika: E. Deckert, VII. 215 †
 Geography of: L. W. Lyde, XI. 460 †
 Geology, Palæontology, etc., Bibliography: *see below*, Physical Geog.
 Great Deserts and Forests: P. Fountain, XVIII. 642 †
 Lakes of N. America: I. C. Russell, VIII. 191 †; research on, X. 322
 Laurentian Basin, geography: I. C. Russell, XII. 542 †
 Names of larger Geographical Features: I. C. Russell, XV. 283, 553 †
 Nordwest-Amerika und Nordost-Asien: F. Immanuel, XX. 251 †
 Pelzjäger und Pelzjagd im amerikanischen Norden: G. C. Notzke, XVII. 212 †
 Pendulum observations, VIII. 406
 Red Race, Antiquity of: T. Wilson, XII. 634 †
 Romance of the Fur Trade, XIII. 94 †
 Round trip in N. America: Lady T. Guest, V. 608 †
 Scientific Expeditions, X. 214
 Select Bibliography on Travel in: C. W. Plympton, XIV. 339 †
 Snow in N.W. America, Ratzel on irrigation value of, I. 358
 Stanford's compendium: *see* Canada
 Streifzüge durch Nordamerika: M. G. von Zeppelin, IX. 107 †
 Territoire d'Alberta à l'Etat d'Iowa par le Far West: M. E. Petitot, XVI. 371 †
 Discovery and history (*see also* America, Discovery)—
 Discovery of: H. HARRISSE, II. 474 †; Criticism: L. Gallois, V. 403 †

AMERICA, NORTH**America, North—continued.**

- Early Trading Companies of New France: H. P. Biggar, XIX. 235 †
 English seamen, part played by, IX. 604, 613
 Entdeckungen der Normannen in Amerika: J. Fischer, XIX. 658 †, 746 §
 Four Huron Wampum Records: H. Hale, IX. 577 †
 Histoire de Cavelier de la Salle: P. Chesnel, XVIII. 552 †
 Mississippi basin, History of Geographical Discovery in: J. Winsor, VI. 196 †
 New France, History and General Description: P. F. X. de Charlevoix, trs. J. G. Shea, XX. 331 §, 358 †
 Norse Colonization: M. A. Shipley, XIII. 687 †
 — Discoveries: J. Dieserud, XVIII. 111 †
 N.W. Coast, G. Davidson on Early Voyages to, III. 333, 348 †
 —, Voyages of Bering and Chirikoff: G. Davidson, XIX. 756 §, 774 †
 Rival Claimants for N. America, 1497-1755: J. Winsor, VI. 196 †
 Vinland Vindicated: M. Howley, XV. 553 †
 Zum neunhundertjährigen Jubiläum der erster Entdeckung Amerikas: F. Stock, XVI. 131 †

Fauna, Flora—

- Birds of N. America: C. B. Cory, XV. 553 †
 Evolution of Colours of Land Birds: C. A. Keeler, II. 90 †
 Geographical Distribution of Batrachia and Reptilia: E. D. Cope, IX. 342 †
 Geographic Distribution of Life: C. H. Meriman, IV. 380 †
 Land and Sea Mammals of N. America north of Mexico: D. G. Elliot, XIX. 529 †
 Later Extinct Floras: J. S. Newberry, XV. 84 †
 Mammals and mammalian fauna, remains, IX. 69, 73, 74
 Mammals of N. America and adjacent seas: D. G. Elliott, XVIII. 334 †
 Plant Geography: T. H. Kearney, XVII. 212 †

Maps—

- Carte des grands lacs de l'Amérique du Nord, 1670, par Bréhan de Gallinée: G. Gravier, VI. 392 †
 Geographische Verbreitung der hauptsächlichsten Eruptionszentren, etc.: A. Stübel, XIX. 537 †
 Relief Map of Canada and U.S. (Geological Survey of Canada), XVI. 137 †

D

AMERICA, NORTH**America, North—continued.**

Physical geography, etc.—

Bay of Fundy trough in American Geological History: Bailey, XIV. 229 †

Bibliography and Index of N. American Geology, etc.: F. B. Weeks, †XI. 317; XIII. 456; XVI. 489; XVIII. 552; XX. 670

Coal-beds, XX. 544

Epeirogenic Uplift: W. Upham, IV. 380 †

Epicontinental sea of Jurassic age: W. N. Logan, XVI. 582 †

Glacial work in Western Mountains under R. D. Salisbury, XX. 455

Glaciers: I. C. Russell, XII. 553 *; XIII. 216 †

High plateau, VI. 423; Highest summit, III. 517; XVIII. 536

N. American Continent during Cambrian time: C. D. Walcott, V. 90 †

River-basins, Areas of N. American and Australian; Dr. Bludau's calculations, XII. 182

America, South—

Climatic notes: R. de C. Ward, XIII. 217 †; commercial "Doorways," XVII. 360; Geographical progress, XIV. 6; influences on Old World from, I. 540; orography, X. 402; ports, XVII. 359; tribes, XII. 67; unexplored areas, II. 497 †

Aussichten aus Südamerika: J. Habel, X. 122 †

British in: Sir H. Vincent, IX. 683 †

Deutsche Colonien in Südamerika: Wiegand, VII. 217 †

Geografia Comercial: C. Cisneros y R. Garcia, XIII. 458 †; XVII. 213 †

Geographische Erforschung Südamerikas im 19 Jahrhundert: W. Sievers, XVI. 372 †, 478 §

Guaikurustämme, Die: T. Koch, XX. 470 †

Historical Summary: L. Gallois, I. 87 †

Indiens . . . de l'Amérique chaude: Baron F. de Santa-Anna Nery, XIII. 458 †

Italia come fattore etnico ed economico nello sviluppo dell' America Meridionale, XVIII. 236 †

Latin-American constitutions and revolutions: J. W. Foster, XVIII. 336 †

Manual de las Repúblicas Americanas, VII. 680 †

Nagra bidrag till Sydamerikas fysiska antropologi, XII. 215 †

Paläo-Geographie Südamerikas: H. von Ihering, I. 281 †

Photographs of Chile and W. Coast: F. Leblanc, XII. 336

— taken between Salta and La Paz: L. A. Wallace, XV. 96

AMERICA, SOUTH**America, South—continued.**

Physical Geography, Outline of: G. E. Church, XVII. 333 *, 533; XVIII. 236 †

River-basins: A. Bludau on areas, IX. 666

Social and Political Development: C. de Kalb, III. 534 †

S. American Conflicts and U.S.: A. Garland, XVIII. 336 †

Stanford's Compendium of Geography and Travel, C. and S. America: A. H. Keane, ed. Sir C. R. Markham, XVIII. 167 §, 337 †

State of our Knowledge of: L. Gallois, II. 188 †

Sur le commerce du "caucho" dans l'Amérique du sud: F. J. Hessel, XIV. 685 †

Vassallage of: J. Frick, XIV. 121 †

Vocabularies from, On two unclassified recent: D. G. Brinton, XIV. 121 †

Vulkanberge in Südamerika . . .: A. Stübel, XX. 128 †

Coasts—

E. Coast, IV. 379 †; (Admiralty Surveys), XII. 71; Parallelismus der Küsten von Südamerika: T. Arldt, XVIII. 536 §, 554 †; S. America Pilot, VIII. 193 †; W. Coast (U.S. Hydrographic Office), IX. 343 †

Exploration—

Durch Süd-Amerika: A. Jonin, V. 91 †

Dusen's journey across, XI. 184

Early explorations, XIV. 241

Exploration of Unknown Regions in: Don R. Reyes, XX. 128 †

Explorations subsequent to 1837, IX. 601

Fra det indre af Syd-Amerika: Y. Martens, XX. 248 †

Menendez' Travels: F. Fonck, VII. 681 †

Meyer's expeditions, IX. 447; X. 215; XII. 193; XIV. 324; XV. 647

Reise . . . Prinzessin Therese von Bayern nach Südamerika, Bericht über die: A. von Speidel, XVII. 559 †

W. Reiss' and A. Stübel's journeys in, Astronomical determinations: B. Peter, III. 254 †

Steffen, H.: expedition, XII. 317; XIV. 96; letter from F. P. Moreno on, XIV. 219

Supposed discovery before 1448, etc. J. Batalha-Reis, IX. 185 *, 583 †

Zwecke und Ergebnisse meiner im Jahre 1898 nach Südamerika unternommenen Reise: Therese Prinzessin von Bayern, XVII. 559 †

Fauna, Flora—

Geographical Distribution of animals; H. von Ihering on, I. 462

AMERICA, SOUTH

America, South—*continued*.

- Kautschukdistricten von Süd-Amerika, XIII. 217 †
- Palmen-Flora Südamerikas: C. A. M. Lindman, XIX. 530 †
- Pampas: W. Bodenbender, III. 318
- Source of Tertiary Mammalia: F. Ameghino, XI. 100 †
- Maps—
- America austral: A. L. Mendes, IX. 580 †; X. 122 †
- America Sud a base fisica: G. Cora, XIX. 247 †
- Commercial Map: J. Bartholomew, III. 442 †; XVI. 263 †
- Library Map: E. Stanford, XVII. 686 †
- Original Map of Rio Napo and Rio Curaray: R. Payer, IV. 478 †
- Übersichtskarte des Erdbebens vom 27. Okt. 1894, in Süd-Amerika: E. Delachaux, VI. 105 †
- America, Spanish, Descriptive topographical terms: R. T. Hill, IX. 116 †, 227 §
- American Cliff Dwellers: Sir C. R. Markham, III. 46 *
- Conference, International, Reports of Committees, etc., VII. 685 †
- Ephemeris and Nautical Almanac, † V. 397; VIII. 194; IX. 684; XIV. 464; XV. 87; XVII. 562; XX. 363
- Geographical Monographs, VII. 319 §
- Geographical Society, Honour conferred on Sir J. Murray, XIII. 544; XIV. 105; "Memoirs" X. 211; Medal to Peary, IX. 224
- History and Geography, XIV. 228 †
- Indians (*see also* America)—
- Amongst American Indians: L. Brine, V. 158 §
- Aus dem Tagebuch des Malers Friedrich Kurz über seinen Aufenthalt bei den Missouri-Indianern: E. Kurz, IV. 579 †
- Lenguas Americanas: B. Mitre, V. 609 †
- Travels amongst; ancient earthworks and temples, etc.: L. Brine, IV. 190 †
- Museum of Natural History; Anthropological Study of N. Pacific, IX. 568; X. 639; XIV. 96; XIX. 215
- Republics, Bureau: Coal and Petroleum in Colombia, VIII. 192 †; Manual, Handbooks, Bulletins, etc., VII. 680 †; Misiones Award, VIII. 192 †; Monthly Bulletin, XV. 195 †; Venezuela, VIII. 193 †
- Revolution, Causes: J. A. Woodburn, I. 470 †
- School Geography: J. W. Redway and R. Hinman, XII. 529; Schools, Geographical Instruction: W. B. Powell on, III. 523; Local Maps in; W. M. Davis on, VII. 655

AMUR

- Americanists, International Congress of, Paris, 1890, I. 471 †
- Amerind: Designation for Aboriginal Tribes of American Hemisphere, XIV. 346 †
- Amherst, Lord, and B. Thomson: Discovery of Solomon Is., XIX. 778 †
- Ami, H. M.: Biographical Sketch of G. M. Dawson, XX. 565 †; Geology of Canada, XIX. 529 †
- Amir Chah, Afghanistan, IX. 408; sand desert near, IX. 403
- Amla route, Siam, VI. 407
- Amman, Arabia, V. 3
- Ammon, L. von: Geologische Uebersichtskarte der Gegend von München, VI. 193 †
- Amne-Machin mts., C. Asia, VIII. 169
- Amneus, G.: La ville de Kristiania, XVIII. 547 †
- Amnyc-malchin-mengku, mt., Mongolia, III. 369
- Amor, W.: remarks on "Popocatepetl," etc., VIII. 151
- Amorgos, L'île d': H. Hauteceœur, XIV. 453 †
- Amoy, Trade (Foreign Office Rep.), XIV. 456 †; XVI. 576 †
- Amra, Castle of, Arabia, XX. 101
- Amritsar District, Gazetteer, IV. 376 †
- Amsterdam island, Spitsbergen—Karth öfver Amsterdamön: N. Strindberg, IX. 684 †
- Amsterdam, Trade (Foreign Office Rep.), XVI. 485 †
- Amu-daria (*see also* Oxus), Diversion of, to Caspian, VIII. 515; Old Beds of: W. Komischke, I. 64 §, 84 †; ditto: Pr. Kropotkin, XII. 306*; Solution of problem on Ancient Course of: A. M. Konshin, XII. 208 †; Profil durch des Flussbett des Amu-darja bei Tschardschui, XII. 549 †; Source, VII. 197; Steam navigation, XI. 178
- , Upper: N. Bogoyavlensky, XIX. 106 †; Explorations on, by M. Bogoyavlensky, XVIII. 618
- Amundsen, E.: Journey through S.W. Sechuan, XV. 620*; XVI. 531 *
- , R.: Expedition to N. Magnetic Pole, XIX. 484; XX. 573, 627*; En paatoenkt Undersøgelsesreise til den magnetiske Nordpol, XIX. 779 †
- Amur, river, Siberia, XI. 176; Pointed bark canoes of Kutenai and Amur: O. T. Mason, XVIII. 342 †; Society for Study of Amur region, IV. 63; V. 381; VIII. 408
- and Usuri, proposed continuation of Siberian railway along, V. 153
- Province—
- Amur provinz, Die: Immanuel, VII. 213 †
- Reisen und Forschungen im Amurlande in den Jahren 1854-1856: L. von Schrenck, VIII. 530 †; XVII. 89 †

ANAA

- Anaa or Chain I., Pacific, XX. 208
 Anabar bay and river, Siberia; Baron Toll's exploration, III. 412; moraine, V. 374
 Anadyr—
 Anadyr-Bezirk nach Olssufjew: D. Krahmer, XV. 437 †
 Anadyr Region: A. P. Selnitzky, XII. 207 †
 La Province d': A. P. Selnitzky, XIV. 116 †
 Territory of: E. Olssufjev, XVI. 578 †
 Anaga and its Antiquities: M. de Ossuna, XI. 197 †
 Anaman, J. B.: Gold Coast Guide, VI. 195 †
 Anarak, Persia; height, VII. 166
 Anatolia (*see also* Asia Minor)—
 Besuch in einem anatolischen Dorfe: Kannenberg, VI. 485 †
 Geotektonik des Südöstlichen Anatolien: F. Schaffer, XVIII. 440 §, 550 †
 Grundlinien Anatoliens und Centralasiens: E. Naumann, VII. 329 †
 Reisen in Anatolien: E. Naumann, VII. 329 †
 Studies on . . . Anatolian railway, etc.: E. Naumann, III. 437 †
 Ancel, J.: La formation de la colonie du Congo français, XX. 557 †
 Anchise, ancient port, France, VIII. 514
 Ancona, Trade (F. O. Rep.), XVI. 244 †
 Andalusia—
 Andalusia with a Bicycle: J. Pennell, XII. 94 †
 Deux Mois en Andalusie . . . : G. Routier, VI. 484 †
 Andaman Is.—
 Forests situated around Stewart Sound: E. M. Buchanan, IX. 321 §, 575 †
 Languages of: M. Portman, XIV. 114 †
 Miscellaneous Papers relative to Settlements in: R. C. Temple, XV. 549 †
 Penal System: R. C. Temple, XIII. 558 †
 Round about the Andaman and Nicobar Is.: R. C. Temple, XV. 436 †
 Tours of Chief Commissioner, Reports, IX. 320 §, 575 †
 Unpublished Eighteenth Century Document: R. C. Temple, XVIII. 455 †
 ———, Sea, D. Prain on contours of, III. 235
 Andamarca and Pangoa, A. Baraillier's Journey to, II. 171
 Andemania, Andemin or Benderski pass, Pamirs, III. 57; VIII. 98, 113
 Andersen, A.: En sommerrejse i Diskobugten, IX. 684 †
 Anderson, C. W., and W. A. Dunn: Reports on Conglomerate Prospection Expedition, Br. Guiana, VII. 445 †
 ———, F. M.: Physiographic Features of Klamath mts., XX. 248 †, 454 §
 ———, J.: *see* Munro, J. A. R.

ANDES

- Anderson, Sir J.: cable fractures, X. 275; obituary, XVI. 481
 ———, J. F.: Vesuvius, Note on Eruption of September, 1898, XIV. 223 †
 ———, J. W.: Prospector's Handbook, VI. 103 †; XI. 209 †
 ———, N.: Faerøerne, 1600–1709, VII. 327 †
 ———, O. P.: Sectional Map of Washington, X. 126 †
 ———, T.: Coupe de Jaujac, XIX. 392 †; Grand Cañon of Colorado river, XVIII. 334 †; Skáptar Jökull, IX. 233 †
 ——— and J. S. Flett: Preliminary Report on Recent Eruption of Soufrière, etc., XX. 431 §, 561 †
 ———, W.: First Report of Geological Survey of Natal and Zululand, XIX. 772 †; geological reports from Natal, XX. 631
 ———, W. G.: Mouth of Zangwe river, V. 596
 Andersson, G.: Den Centraljämiska issjön, IX. 678 †; Bidrag till kännedomen hästens förekomst i Sverige under stenaldern, XVIII. 228 †; Några anmärkningar om den Centraljämiska issjön, XII. 428 †; Om flott-tegar i Finland, XII. 538 †; Physische Geographie von Schweden, XVI. 121 †; Studier öfver Finlands torfmossar, XV. 547 †; Zur Pflanzengeographie der Arktis, XIX. 779 †
 ———, J. G.: Et bidrag till Östersjöns djurgeografi, XIX. 765 †; Om Öländska raukar, IX. 234 †; explorations of Bear I., XIII. 542; XVIII. 215; Några drag af Beeren Eilands Kolonisations historia, XVIII. 237 †; Winter expedition of *Antarctic* to S. Georgia, XX. 405 *
 ———, T.: Den inre omflyttningen i Norrland, XII. 202 †
 Andes (*see also* Cordillera)—
 Cordilleras, II. 497; XIV. 244; Andean Region, XII. 399; in Argentina, XII. 469; in Ecuador, XVII. 340; in Patagonia, XVI. 27; in Venezuela, XVII. 352; inland chain, XVII. 335; massif, XVII. 334; passes, XVII. 335; snow-line, XVII. 352; volcanic rock, XIV. 31
 Aconcagua and Tupungato, Ascent of: S. Vines, XV. 196 †
 Alturas sobre el nivel del mar: A. Raimondi, XIV. 684 †
 Anden des westlichen Kolumbiens: A. Hettner, II. 268 §, 280 †
 Andes al Amazonas: Recuerdos de la campana de Acre: J. A. Acha, XX. 532 §, 561 †
 ——— de Patagonie: M. L. Gallois, XVIII. 336 †
 ——— of Bogota, The: A. Hettner, I. 87 †
 ——— of Peru, XVII. 339

ANDES

Andes—continued.

- Aus den Argentinischen Anden: J. Habel, IX. 342 †; Aussichten aus Südamerika: Id., X. 543 §
- Bolivian Andes: Sir M. Conway, XVIII. 335 †; Exploration in: Id., XIV. 14*
- Chilenische Refühné-Expedition: P. Krüger, XVI. 585 †
- Climbs and Explorations: Sir W. M. Conway, XIV. 584 †; XVII. 557 †; his ascents, XIII. 73
- Conflit chilo-argentin, et les phénomènes de Capture: C. Rabot, XVIII. 112 †
- En la Cordillera Andina: L. V. Varela, XIII. 324 †
- Erosion regressive dans la chaîne des Andes: Lapparent, XVIII. 457 †
- Estudios de orografía Andina: V. Bolivian, XVI. 584 †
- Expédition géologique dans la Cordillère argentine-chilienne: L. Wehrli, XV. 196 †
- géologique dans la région andine, Rapport préliminaire: C. Bueckhardt, XV. 181 §, 196 †
- Fitzgerald, E. A.: journey to Aconcagua (q.v.), VIII. 517; X. 96; Highest Andes, The, XV. 84 †
- Geological Studies: Bueckhardt and Wehrli, XV. 181
- Geologische . . . Studien: W. Moericke, IX. 579 †
- Gletscherstudien: R. Hauthal, V. 284 †
- Maps: Cordillera de los Andes (Argentine Boundary Com.), XIX. 413 †
- Methods of Survey employed by Chilean Boundary Commission: A. Bertrand, XVI. 329*
- Moreno's Expedition in die Patagonischen Anden: H. Jansen, XII. 436 †
- Forschungsreise in den Anden: H. Polakowsky, XII. 436 †
- Mountaineering outside Europe, I. Andes: E. Whymper, XI. 686 †
- Observations in Patagonian Andes: K. Martin, IV. 283 †
- Passes between Chile and Argentine Republic: L. Brackebusch, I. 281 †
- Penitentesfelder: L. Brackebusch, I. 168 §, 184 †
- Photographs—Panorama of Cordillera de los Andes (Argentine Boundary Commission), XVIII. 247; Patagonian Andes: H. Steffen, XV. 563
- Profil der Argentinisch-chilenischen Cordillere: R. Hauthal, XVIII. 457 †
- Profilis géologiques transversaux de la Cordillere Argentine-Chilienne: C. Bueckhardt, XVI. 701 †
- Reisebilder aus den Anden: L. Wehrli, XVII. 324 †
- Reiseskizzen aus den Cordilleren von Llanquihue: H. Steffen, IV. 579 †
- Streifzüge in den bolivianischen Anden: E. Mosbach, X. 651 †

ANDRÉEFF

Andes—continued.

- Topografia Andina: M. J. Olascoaga, XVIII. 335 †
- Andes, Southern (*see also* Patagonia)—
- Chilean expeditions, XI. 436; Photographs: Sir M. Conway, XX. 372; Steffen's Journey, XII. 615
- Orographical Sketch: Sir W. M. Conway, XVI. 253 †
- Patagonian Andes, X. 402; XI. 73
- Photographs: Sir W. M. Conway, XX. 372
- Viaje a los Andes Australes: R. Lista, VII. 682 †
- Andorra—
- Andorranische Frage, Die, XII. 425 †
- Andorre: F. Régnault, XIII. 317 †
- En Andorre: C. Romeu, XI. 190 †
- Photographs: S. C. Southam, XV. 308, 562
- Principauté d'Andorre: H. Douchet, XI. 564 †
- Republic of the Pyrenees: J. Smith, V. 505 †
- Andorobo tribe, E. Africa, XIX. 7
- Andrada, P. de: work in S. Africa, V. 49
- Andrade, J.: Nouvelles manifestations mécaniques de la rotation de la Terre, VII. 219 †; Système explosif propre à mettre en évidence la rotation du globe, VI. 396 †
- Andrade, E. Africa, II. 508
- Andrea: Survey of Lower Limpopo, XIII. 536
- Andreasen, H.: map of King Charles Land, XIV. 72
- André, E.: Caura Affluent of the Orinoco, XX. 283*; Eruption at St. Vincent, XX. 60*; Photographs of St. Vincent and Martinique before and after Eruptions, XX. 256
- Andrée, S. A.: Arctic Ballooning, V. 598; Der Nordpolluftschiffer, IX. 467 †; Förslag till polarfärd med luftballong, VII. 567 †; Iakttagelser under en ballongfärd, VII. 448 †; IX. 346 †; Plan to reach N. Pole by balloon, VII. 206, 235; VIII. 423 †; Rapport angående 1896 års svenska polar-expedition, IX. 111 †
- Expedition: *see* Arctic, Expeditions
- Andree, R.—
- Allgemeiner Handatlas, I. 478 †; II. 573 †; XI. 464 †, 692 †; XII. 111 †, 223 †, 334 †, 444 †, 550 †, 645 †; XIII. 103 †, 224 †, 334 †
- Biography: W. Joest, IX. 323 †
- Das zweiherrige Dorf Woltoif, X. 547 †
- Erinnerungen an Otto Kersten, XVII. 327 †
- Geographisches Handbuch zu Handatlas: A. Scobel, V. 402 †
- Andréeff, M. N.: Océan arctique, XVI. 704 †

ANDRESEN

- Andresen, P.: Die schleswigschen Halligan, XII. 427 †; Die wirthschaftliche Entwicklung Deutsch - Ostafrikas, XVII. 322 †
- Andrew volcano and lake, E. Africa, XI. 392
- Andrews, A. W.: Empire and Geographical Teaching, XV. 200 †; Lecture to Teachers on use of maps, XIX. 383; Physical Conditions and Exploration as illustrated by Australia, XX. 672 †; Teaching of Geography in relation to History, IX. 427*; Use of maps in Geography teaching, XIX. 241 †
- , C. W.: Description of Christmas Is., XIII. 17*, 559 †; expedition to, XII. 410 †; Monograph on, XV. 663 †
- , E. C.: Report on Hillgrove Goldfield, XVII. 95 †; on Kiandra Lead, XX. 361 †; on Yalwal Gold Field, XX. 128 †
- , W.: Diurnal Theory of the Earth, XV. 558 †
- Andros: H. Hauteccœur, VII. 108 †
- Andrussoff, N.: Karabugas Basin, IX. 461 †, 471 §; Physical Exploration of Black Sea, I. 49 §; Sur l'état du bassin de la Mer noire pendant l'époque pliocène, I. 562 †; II. 63; submarine explorations of Sea of Marmora, V. 175
- Andrúngina, Madagascar, VI. 236
- Anemometers, Reports on experiments upon exposure of: W. H. Dines and D. Wilson-Barker, XIV. 233 †
- Aneroid barometer: *see* Barometer
- Anert, E. E.: explorations in Manchuria, XI. 63
- and Komaroff: Russian Expedition to Manchuria, IX. 557
- Angara river, Siberia, V. 151
- Angel Is., Geology: F. L. Ransome, V. 183 †
- Anghiera, P. M. d', e le suo relazioni sulle scoperte oceaniche: G. Pennesi, V. 403 †
- Angkor, ruins, Siam, II. 206, 211; VIII. 436
- Angles—Epreuves des instruments destinés aux expériences sur la décimalisation des angles: Caspari, XIV. 343 †
- Anglesey, Geology of Mynydd-y-Garn: C. A. Matley, XVII. 547 †
- Anglo-, boundaries, etc.: *see* under specific countries
- Anglo-Jewish Association, Annual Report, XIV. 347 †; XX. 365 †
- Anglo-Saxon settlements in England, IX. 76
- Anglo-Saxons of Kentucky mts.: E. C. Semple, XVII. 588 *
- Angmagssalik, Fra Missions og Handel stationen ved: C. Ryberg, XII. 216 †; XIII. 96 †
- Angola—**
- Ambriz and San Salvador, latitudes: C. Sanders, XVII. 211 †

ANGORA

Angola—continued.

- Ancient kingdom of Kongo: T. Lewis, XIX. 541 *
- Angola meridional: C. Ivens, XIII. 321 †
- und die Portugiesen: B. Förster, VIII. 418 †
- unter portugiesischer Herrschaft: R. Löser, XIII. 321 †
- Catalogue of African Plants collected by Dr. Welwitsch: W. P. Hiern, XI. 93 †; XIX. 773 †
- Colonies portugaises, Angola: A. d'Almada Negreiros, XIX. 526 †
- Commercial development, V. 273
- Etudes sur les colonies portugaises: H. Hauser, XVI. 699 †
- Geographic names: H. Chatelain, II. 278 †
- Haute-Cimbébasie, A travers la: R. P. E. Lecomte, XIX. 526 †
- Ideas geraes sobre a colonização europeia da provincia de Angola: P. Visconde de Giraul, XIX. 771 †
- La colonie portugaise d'Angola: Rouire, VII. 215 †
- L'Angola et la colonisation portugaise: C. Delannoy, VII. 678 †
- L'Apartado, canal naturel entre la Casamance et la Cachéo: C. Madrolle, IV. 189 †
- Maps: Carta de Angola (Comissão de Cartographia, Lisbon), I. 447 †; XVIII. 246 †; Districtos de Benguela e Mossamedes, VII. 687 †; (Revista Portugal em Africa), XIX. 665 †
- Photographs: J. Moraes and J. Ferreira, XV. 204
- Plan'alto dosul de: E. Lecomte, XI. 199 †
- Portugiesische Colonie Angola: P. Friedrich, XI. 92 †
- Portuguese Congo, Itineraries in: T. Lewis, XIX. 526 †; *see* Congo
- in Angola, IX. 239 †
- Progrès de la Colonie portugaise d'Angola, XVIII. 231 †
- Railways, V. 273; VIII. 498; XI. 552; XIV. 567
- S. interior, Baum's expedition, XIV. 665
- Strange Adventures of A. Battell of Leigh: E. G. Ravenstein, XIX. 745 §, 772 †
- Trade (Foreign Office Rep.), XV. 439 †; XVIII. 110, 639 †
- Angoni tribe, C. Africa, I. 318; VII. 370
- Angoniland—**
- Central, District of, Br. C. Africa Protectorate: R. Codrington, XI. 509 *
- Crawshay, R.: Journey in, III. 59
- Photographs: R. Codrington, XII. 223
- Plateau of, XIX. 603
- Trip to N. Angoniland: H. C. Angus, XIII. 560 †
- Angora—Railway, XIII. 531; Trade (Foreign Office Ann.), XII. 630 †; Von Tilsit nach: W. von Diest, XIII. 214 †

ANGOSTURA

- Angostura: *see* Ciudad Bolívar
- Angosturas, Cordillera de los, Patagonia, II. 161
- Angot, A.: Observations météorologiques (Congo Français), VIII. 93; Régime pluviométrique de l'Europe occidentale, VII. 110†; X. 634§; Variation diurne de la déclinaison magnétique, XVII. 681†
- Angoumois, Une paroisse autrefois en: E. Vincent, XIV. 576†
- Angra das Voltas, W. Africa, XVI. 645
- Angu Chai, Asia Mi., Roman bridges on, VIII. 322, 330
- Anguilla—Report on Vital Statistics, XIV. 684; St. Martin, etc., Geological and Physical Development of: J. W. W. Spencer, XIX. 235†
- Angus, H. C.: A year in Azimba and Chipitaland, XI. 199†; Trip to N. Angoniland, XIII. 560†
- Anhalt, Volksdichte im Herzogtum: H. Früchtenicht, XI. 448†
- Ani, Die Altarmenische Hauptstadt: Gen. Krahmer, VII. 213†
- Animals, Distribution of (*see also* Mammals)—
- Geographical Distribution of, and Plants: C. H. Merriam, VI. 188§; Illustrated Account: J. Welsch, III. 76†; Lage . . . Biogeographischer Gebiete: A. Jacobi, XVII. 97†, 537§
- New Terms in, letter from P. L. Selater on, IX. 673
- Pflanzen- und Tierverbreitung: A. Kirchhoff, XVI. 215
- , Vertebrated, in Zoological Gardens, List of, IX. 349
- , Wild, in Africa, Preservation of, XVI. 105
- Anjediva Is., India; Memoria historica do actual estado da ilha e praça de Anjediva, XVII. 549†
- Anjou, Géographie . . . de la vallée d': A. de Cheigné, XII. 426†
- Anjou, Lieut.: journeys to New Siberia Is., XII. 162
- Anjouan, Le Sultanat d': J. V. Repiquet, XX. 246†
- Ankole, Uganda, IV. 350; XIX. 24; Missionary Journey: Bp. Tucker, XVI. 249†; mts., VI. 304
- Annales de Géographie: Bibliography, VII. 74
- Annam—**
- Coal-fields, II. 198; People, Flora, Fauna, II. 193; Rivers, II. 100
- Annam central and the colonisation: F. Hauser, XVIII. 229†
- Arts et les Cultes . . . en Annam-Tonkin: C. Lemire, XII. 324†
- Aux Monuments anciens des Kiams: C. Lemire, V. 180†
- Coast of: D. Wislicenus, IV. 187†
- Colonisation agricole en: C. Paris, XII. 324†

ANTARCTIC**Annam—continued.**

- Grottes de marbre de Tourane: Dé-goutin, IX. 459†
- L'autonomie communale en: P. d'Enjoy, XII. 431†
- Map: Carte de l'Annam (Service Géo. de l'Indo-Chine), XIX. 114†
- Mines d'or de Bong-Miu: L. de Saugy, XIX. 230†
- Ngann-nann-tche-lus, Memoires sur l'Annam: C. Swinson, XV. 663†
- Parker, E. H.: Report, I. 266
- Pays d'Annam: P. d'Enjoy, XIX. 230†
- Régime économique de la Côte d'Annam: P. de Barthélemy, XIX. 524†
- Yersin, A.: Surveys, I. 267; II. 18
- Exploration—
- Barthélemy, Count; journeys, XV. 175
- Hanoi to Hue, II. 102*
- Lemire, C.: Excursion à Hué, XIII. 557†
- Mercie, E.: De L'Annam au Mekong, VII. 111†; Exploration en Annam et au Laos, IX. 104†; XIII. 677†
- Annandale, C.: Scotland in prehistoric times, I. 181†
- , N.: Siamese Malay States, XVI. 698†
- Année cartographique: F. Schrader, V. 95†; VII. 342†; IX. 248†; XI. 210†; XIII. 334†; XV. 451†; XVII. 222†; XIX. 414†
- Annenkoff, Gen.: Conférence sur l'importance de la Géographie, VII. 119†
- Anno Bon I., Gulf of Guinea; fauna, VII. 283
- Annoni, A.: Fiume e suoi dintorni, IX. 676†
- Annotações historicas: L. Cordeiro, XIV. 689†
- Annuaire pour l'An 1897, publié par le Bureau des Longitudes, IX. 346†; 1900, XV. 447†; 1902, XIX. 663†
- Anomalurus of Africa, VII. 285
- Anórntsángá, Madagascar, VI. 229
- Anrique, N.: Bibliografía Marítima Chilena, VII. 445†; Diario del Comandante B.M. Gamero a los lagos de Llanquihue III. 254†
- Anschütz-Kaempfe: plan for reaching North Pole, XVII. 435; Das europäische Eismeer und ein neuer Expeditionsplan nach dem Nordpole, XVIII. 339†
- Ansorge, W. J.: Under the African Sun, XIV. 117†
- Antananarivo—Determination of position by Father Colin, III. 143; Geographical Co-ordinates of: A. Grandidier, II. 474†
- Antarctic—**
- Analysis of waters, VII. 518; animal and vegetable life, profusion of, III. 19; Aurora Australis, XVI.

ANTARCTIC

Antarctic—*continued*.

410; birds, VII. 518; colour of sea, VII. 512; currents, VII. 513; depths, III. 12; XIII. 644; early expeditions, III. 7; geographical problems, XX. 412; geology and physical geography, XVI. 400; glacial features, XI. 420; glaciers, XVIII. 370; ice, XVI. 401; (*Valdivia* observations), XV. 526; ice-barrier, XVII. 490; icebergs, 510; XVIII. 16, 373; ice-cap, III. 14, 40; ice-pack, XVIII. 383; ice-sheet, III. 30; magnetism, XVI. 408; meteorology, III. 16; VII. 513, 515; XVI. 404; petrels, V. 586; plankton, XIII. 650; quadrants (Enderby), XVIII. 24; (Ross), XVIII. 20; (Victoria) XVIII. 17; (Weddell), XVIII. 21; rocks and minerals dredged, III. 11; sea-temperatures, III. 18; VII. 520; XIV. 39, 45; soundings, VII. 519; summer, III. 36; temperature, mean, XIV. 417; unexplored areas, II. 483; volcanic nature of land, III. 10; whales, VI. 507, 516, 627; winds, XIV. 419; zoology, XVI. 402

Abysmal Fauna of Antarctic Region:

A. E. Shipley, XVIII. 645 †

Animal Life: W. S. Bruce, IV. 285 †

Animaux et plantes dans l'Antarctique: E. G. Racovitza, XVI. 492 †

Antarctic Regions, The: K. Fricker, XVI. 586 †

Antarctica, Physical Geography, II. 252 *

Antarktik: K. Fricker, XII. 637 †

—: H. Brunner, XII. 102 †

Antarktische Forschung: A. Supan, XII. 102 †

Arctic and Antarctic: W. S. Bruce, XIX. 532 †

—: A. Trevor-

Battye, X. 232 †

Arktis und Antarktis: A. Woelfke, XV. 672 †

Bathymetrical Conditions: H. Arctowski, XIV. 77 *

Botanischen Ziele der Südpolar-Forschung: F. W. Neger, XIV. 343 †, 448 §

Calottes glaciaires des régions antarctiques: H. Arctowski, XVII. 561 †

Continent Austral, Le: A. Rainaud, IV. 475 †

Das unbekannte Südländ: S. Ruge, VII. 337 †

Erklärung geographischen Namen aus der Südpolarwelt: E. Oppermann, XIV. 231 †

Fossils collected by Donald and Larsen: G. Sharman and E. T. Newton, XVI. 586 †

ANTARCTIC

Antarctic—*continued*.

Géologie des régions antarctiques: H. Arctowski, X. 231 †, 341 †

Geologischen Probleme der Antarktis: E. Philippi, XIX. 660 †

Glaciers, Sur l'ancienne extension des: H. Arctowski, XVI. 586 †

"Greenlandia del Sud," Nota del A. Faustini, XVIII. 554 †

Ice—Origin, etc., of: K. Fricker, I. 471 †; Drift-ice—Eistriften in südlichen Breiten in den letzten 20

Jahren: L. E. Dinklage, XX. 106 §, 129 †; Treibeis der antarktischen Meere: K. Fricker, XIX. 404 †;

Do. in höheren südlichen Breiten, XII. 438 †; Do. in Süden, etc.: L. Dinklage, X. 342 †; XIV. 586 †

Icebergs and Shipping Routes: H. C. Russell on, XII. 527

— in Southern Ocean: H. C. Russell, XI. 687 †

— tabulaires des régions antarctiques: H. Arctowski, XVII. 680 †

La zone polaire Australe: J. du Fief, VII. 682 †

Le "Appearances of land" nella zona polare antartica: A. Faustini, XI. 457 †, 687 †

Lectures and treatises by German authors, III. 41

Magnetic and Meteorological observations, letter from A. Harvey on, XVII. 667

Maps: S. Polar Chart, with contours showing depth in fathoms: E. Stanford, XVIII. 348 †; Südpolar-Karte: V. von Haardt, VI. 400 †

Marine deposits and sea-water: Sir J. Murray's reports, VII. 517

— Fauna of Kerguelen Region, etc.: Sir J. Murray, VII. 337 †, 538 §;

Supposed resemblance between faunas of Arctic and Antarctic regions: D'Arcy Thompson, XIV. 588 †

— Floras of Arctic and Antarctic: D'Arcy Thompson, XVI. 587 †

Meteorology: Antarctic Climate: H. Arctowski, XIV. 413 *; XIV. 686 †; Antarktische Klima, Das: A. Supan, XVIII. 458 †; XIX. 660 †; Conditions météorologiques des régions antarctiques, XVII. 680 †; Meteorological conditions of S. Polar Regions: G. D. Hubbard, XVIII. 458 †; Südpolargebiete, Die erste meteorologische Jahresreihe aus dem: A. Supan, XV. 555 †;

Note: A. H. Cocks, IV. 66

Om antarktiska färder och Antarktis: A. Ohlin, XIII. 459 †

Our Knowledge of: W. A. Taylor, XIII. 459 †

Photographs: W. S. Bruce, VI. 204

Physical and Chemical Work of an

ANTARCTIC

Antarctic—continued.

- Antarctic Expedition: J. Y. Buchanan, XIV. 552*; XV. 197†
 Régions antarctiques, Les: A. Heilprin, IX. 581†
 Rocks, Notes on some specimens: Sir A. Geikie, XVI. 586†
 Scottish Geographical Magazine, Antarctic Number, XIII. 96†
 Südpol, Der: G. Wegener, X. 342†
 Surviving Refugees . . . of Antarctic life: C. Hedley, VII. 337†
 Terra Australis Incognita: Morris, XIV. 586†
 Through the First Antarctic Night: F. Cook, XIV. 686†; XVI. 703†
 Unbekannte Polargebiete: A. Supan, IX. 581†
 Wärmevertheilung in dem Wasser der Südpolaren Meere: G. Schott, XX. 129†

Exploration—

- Anglo-Australasian Conference, X. 374; fund, XVII. 82; index to papers, III. 40; necessity for, II. 330; VI. 499; IX. 593; (Committee), IV. 20; V. 75; meeting of the Royal Society, XI. 416*; proposals, etc., VI. 18; VIII. 542; X. 319, 567; XI. 302; XII. 75; XIV. 7, 342†, 439; (Congratulations of Adelaide Geographical Society), XIV. 203; (Deputation to Government), XIV. 190; (Resolution by Congress), VIII. 292

Antarctic and Southern exploration:

- Hon. P. G. King, XIV. 343†
 ——— exploration, XI. 687†; H. Arctowski on, XIV. 547, 548; A. J. Boyd, IX. 110†; W. S. Bruce, VIII. 19†; A. Mault, IX. 110†; Hon. C. Bowen on need of, XII. 194; W. F. Caborne, XIII. 327†; E. von Drygalski, V. 590; J. W. Gregory, XIX. 660†; T. Southwell, VI. 585†; "Zero," XIII. 218†; Renewal of: J. Murray, III. 1*

——— research: Schaw, IX. 110†

Antarctica: H. O. Forbes, X. 125†

———: History of Antarctic discovery: E. S. Balch, XVIII. 339†

Argentine Government's grant for magnetic research, XVII. 670

Aufgabe und Stand der Südpolarforschung: R. Mewes, X. 123†

Aufgaben der Forschung am Nordpol und Südpol: E. von Drygalski, XI. 572†

Auf zum Südpol: G. von Neumayer, XIX. 238†, 362§

Bellingshausen, 1819–1821, Discovery of Alexander I. and other Islands: F. A. Cook, XVIII. 237†

Cook, F. A.: proposed expedition, III. 63

ANTARCTIC

Antarctic—continued.

- Erforschung des Dirk Gerritz-Archipels: H. Wichmann, VIII. 422†; Ditto: J. Petersen, VII. 447†
 Expéditions qui ont précédé celle de la Belgique: A. de Gerlache, XVII. 96†
 Exploration of Antarctic Lands: H. Arctowski, XVII. 150*, 680†
 From Edinburgh to the Antarctic: W. G. Burn-Murdoch, V. 92†, 174§
 Fünfzehn Monate im südlichen Eismeer: A. Stefan, XVI. 586†
 Geographischen Erforschung der Südpolarregion: M. Lindeman, X. 123†, 231†
 International Co-operation in Antarctic Research: H. Arctowski on, XVI. 689
 Jason: Abstract of Journal kept by Capt. C. A. Larsen, IV. 333*: Die Reise des Jason und der Hertha in das Antarktische Meer, 1893–94: J. Petersen, VI. 99†; Larsens' antarktische Forschung, VII. 337†; Nogle optegnelser af sæl og hvalfanger Jasons reise i Sydishavet: C. A. Larsen, V. 285†
 Markham, Sir C. R., VI. 394†, 585†; XII. 1*; XIV. 473*; Arctic and Antarctic Exploration, VI. 99†; Aufgaben der geplanten Südpolar Expeditionen, XVI. 128†; Considerations respecting Routes for an Antarctic Expedition, XVIII. 13*; Promotion of further discovery in Arctic and Antarctic, X. 124†
 Mill, H. R.: Antarctic Research, XI. 672†; XII. 381; Projects for Antarctic Exploration, VIII. 194†
 Neumayer: Recent Explorations, III. 350†; on discovery, V. 589
 Norwegian Whaling Expeditions, I. 172, 362, 450*; II. 18, 69, 465; III. 238, 336, 519
 Plans for reaching South Pole: G. Grosvenor, XIV. 586†
 Ross, Sir J., expedition, 1839, IX. 592
 Scientific Advantages of an Antarctic Expedition, Addresses: J. Murray and others, XI. 572†, 687†
 Spedizioni polari antartiche: G. Pini, XIV. 586†
 Studio preliminare per una Stazione Geografica Italiana nelle regioni polari antartiche: G. Roncagli, V. 285†
 Südpolarforschung, Ueber: G. Neumayer, VIII. 422†
 Sydpolarforskningens nuvarande Ställning och mål: O. Norden-skjöld, XI. 128†
 Tätighetsberättelse . . . för die Südpolar-Forschung: Neumayer, XI. 572†

ANTARCTIC

Antarctic—continued.

Verso il Polo Sud : P. Gribaudi, XIII. 327 †

Zuid-Pool onderzoek ; J. Ruys, IX. 110 †

Zur Südpolarforschung : F. Mewius, VII. 447 †

Belgian Expedition, V. 82 ; VIII. 180 ; X. 331, 641 ; XII. 319 ; XIII. 8, 542, 650 ; XIV. 7

Aperçu sur les Observations météorologiques de l'expédition Antarctique belge : H. Arctowski, XVIII. 237 †, 458 †

— sur les Recherches océanographiques de l'expédition Antarctique belge : H. Arctowski, XVIII. 339 †

Aurores australes observées à bord de la *Belgica*, Sur les variations périodiques des : H. Arctowski, XIX. 404 †

Départ de l'expédition antarctique belge, XI. 102 †

Expédition Antarctique belge, XIV. 231 †, 343 † ; XVI. 492 † ; XIV. 686 † ; G. Lecointe, XV. 93 †

Expeditiunea Antarctică Belgiană : E. G. Racovită, XVIII. 237 †

Géographie physique de la région antarctique visitée par l'expédition de la *Belgica* : H. Arctowski, XVI. 492 †

Hydrographie dans le détroit de la *Belgica* : G. Lecointe, XVI. 492 †

Il primo sverno nelle regioni polari antarctiche : R. Gribaudi, XVIII. 555 †

Intérêt scientifique de l'expédition antarctique belge : J. Delaite, VIII. 194 †

Letters : H. Arctowski, XIX. 388 ; J. Leclercq, XIX. 519 ; R. Pelseeneer, XIX. 387

Meteorologischen Beobachtungen : J. Hann, XV. 197 †

Note sur les phénomènes crépusculaires observés à bord de la *Belgica* : H. Arctowski, XX. 249 †

Quelques résultats de l'expédition antarctique belge : M. Zimmermann, XIX. 531 †

Quinze mois dans l'Antarctique : A. de Gerlache, XVIII. 645 †

Rapport sur les recherches océanographiques : H. Arctowski, XV. 555 †

Relation sommaire du voyage de la *Belgica* : A. de Gerlache, XVII. 96 †

Résultats du voyage du S.Y. *Belgica* : H. Arctowski et J. Thoulet, XIX. 404 †, 778 †

Résultats généraux : E. Racovitza, XV. 443 †, 539 §

Sédiments marins : H. Arctowski et

ANTARCTIC

Antarctic—continued.

A. F. Renard, XVIII. 339 † ; XX. 129 †

Spongiaires de l'expédition antarctique belge et la bipolarité des faunes : E. Topsent, XVII. 561 †

Travaux scientifiques de l'expédition antarctique belge : G. Lecointe, XVI. 128 †, 492 †

Voyage de la *Belgica* : A. de Gerlache, XIX. 778 † ; XX. 448 §

Voyage of the *Belgica* during 1897, 1898, and 1899 : H. Arctowski, XVII. 353 *

Borchgrevink's expeditions—

Antarctic, VI. 461 ; VII. 205, 325 ; VIII. 14 ; XIV. 53

Antarctic's Reise til Sydishavet eller Nordmændenes Landing paa Syd Victoria Land : L. Kristensen, VIII. 422 †

Cruise of the *Antarctic* : H. J. Bull, VIII. 422 †

Den sidste antarctiske reise : C. E. Borchgrevink, IX. 466 †

Die Meteorologischen Beobachtungen der *Antarctic* im südlichen Eismeere : A. Supan, VI. 585 †

Journal of Right-Whaling Cruise of the *Antarctic* under command of L. Kristensen, VIII. 422 †

Map of track to Victoria Land : L. Kristensen, VI. 490 †

Rocks collected by C. E. Borchgrevink, Notes on : T. David, W. F. Smeeth, and J. A. Schofield, IX. 110 †

Voyage to the Antarctic : C. E. Borchgrevink, V. 583 †

Southern Cross, XI. 306 ; XII. 195, 421 ; XIII. 8, 75, 437 ; XIV. 8, 438 ; return, XV. 539

Antarctische expedition : C. E. Borchgrevink, XIII. 327 †

Borchgrevink's antarctische Expedition auf dem *Southern Cross*, XV. 197 †

Borchgrevink's Südpolar-Expedition : F. Mewius and Supan, XVII. 96 †

Conversazione at Town Hall, Hobart, XVII. 561 †

Die Antarktische Expedition des *Southern Cross* : C. E. Borchgrevink, XVII. 680 †

First on the Antarctic Continent : C. E. Borchgrevink, XVII. 561 †

Report on Collections of Natural History, XX. 362 †, 645 §

Southern Cross Expedition, 1899–1900 : C. E. Borchgrevink, XVI. 381 *, 569 ; XVII. 96 †

To the S. Polar Regions : L. Bernacchi, XVIII. 527 §, 554 †

British—*Balæna* and *Active*, II. 429 * ; Cruise of : W. S. Bruce and C. W. Donald, VIII. 422 † ; *Balæna* : W. S.

ANTARCTIC

Antarctic—continued.

- Bruce, VII. 502 *; *The Active*: C. W. Donald, VII. 625 *
- National Expedition, XII. 75; XIII. 9, 425, 529; XVI. 98, 598; arrangements, XVIII. 5; committee, V. 76; congratulations from Adelaide branch of R.G.S. of Australasia, XIV. 203; deputation to government, XIV. 190; L. W. Longstaff's donation, XIII. 425, 553; Sir C. R. Markham on, XVIII. 339 †; H. R. Mill on, XVIII. 408; progress, XIX. 222, 435; XX. 1; prospects, XVI. 8; Work of: J. W. Gregory, XVIII. 237 †; *Discovery*, launch, XVII. 523; list of officers, XVIII. 275; XIX. 448; instructions to Commander, XVIII. 154; XX. 212; instructions to Director of Civilian Scientific Staff, XVIII. 158; Manual for use of Expedition, ed. G. Murray, XVIII. 339 †; departure, XVIII. 275; With the *Discovery* to Madeira: H. R. Mill, XVIII. 395 *; voyage south, XVIII. 538; arrival at Lyttelton, XIX. 97, 102; Voyage southward of the *Discovery*: H. R. Mill, J. Murray, and Sir C. R. Markham, XIX. 417 *
- Morning*, relief ship, XIX. 446, 452, 764; XX. 4; departure, XX. 209; arrival at Lyttelton, XX. 648
- Scottish National Expedition, XVI. 255 †; XVIII. 539; XX. 438; W. S. Bruce on, XIX. 404 †; XX. 673 †; departure, XX. 659
- German, VI. 574; IX. 649; XI. 439; XIII. 9, 406; Imperial Decree, XVIII. 529; launch of ship, XVII. 536; H. R. Mill on, XVIII. 409; progress, XIX. 97, 222, 641; XX. 5
- Erster Bericht des Leiters der Deutschen Südpolar-Expedition, XIX. 531 †
- Expeditionsschiff für die geplante deutsche Südpolar-Forschung, XV. 197 †, 301 †
- Deutsche Expedition der Süd-Polar Region, VII. 337 †
- Deutsche Südpolar-Expedition, XVI. 255 †; O. Baschin, XIX. 660 †; Kretschmer, XVII. 680 †; E. Oberhummer, XIV. 231 †; XX. 129 †
- auf dem Schiff *Gauss* unter Leitung von E. von Drygalski, XX. 223 §, 471 †, 562 †
- , Plan und Aufgaben der: E. von Drygalski, XV. 443 †
- Geplante Deutsche Südpolar-Expedition, XIII. 567 †
- German Antarctic Expedition: E. von Drygalski, XV. 444 †; XVIII. 279 *; W. S. Bruce, XVIII. 646 †

ANTHROPOGEOGRAPHY

Antarctic—continued.

- Taufe des Deutschen Südpolarschiffes "Gauss," XVIII. 339 †
- Ueber die Bedeutung der Deutschen Südpolar-Expedition: E. von Drygalski, XV. 197 †
- Von der Deutschen Südpolar-Expedition: E. von Drygalski, XIX. 404 †, 531 †, 660 †, 778 †; G. Schott, XX. 362 †, 673 †; Fischereiversuche: E. Vanhöffen, XVII. 561 †
- Zweiter Bericht der Geographischen Gesellschaft in München: E. Oberhummer, XVII. 561 †
- — Tätigkeitsbericht der Deutschen Kommission für die Südpolar-Forschung: G. von Neumayer, XIX. 660 †
- Valdivia* expedition, XIII. 640 *; Deutsche Tiefsee-Expedition, auf dem *Valdivia* im südlichen Eismeer: G. Schott, XVI. 491 †; Hauptergebnisse der: A. Supan, XIV. 231 †; see also Oceanography
- Swedish: Nordenskjöld, V. 488; XV. 287; XVIII. 448, 627; XIX. 761; Progress, XX. 6, 498
- Die Schwedische Südpolar-Expedition: H. Wichmann, XX. 562 †
- Swedish Antarctic Expedition: O. Nordenskjöld, XX. 362 †
- Winter Expedition of the *Antarctic* to S. Georgia: J. G. Andersson, XX. 405 *
- Antarctic*, Exploring ship, XIV. 53; XVIII. 448; see also Antarctic and Arctic.
- Antarctica, Physical Geography, II. 252 *
- Antari's, capital and people, VI. 304
- Anthills, Cape York Pen.: R. L. Jack, X. 231 †; Somaliland, XI. 41
- Anthony, H. M., and J. A. R. Munro: Explorations in Mysia, IX. 150 *, 256 *
- Anthropogeography, study of, VI. 375; works on, XII. 421
- Anthropographie: F. Ratzel, XIV. 124 †
- Anthropogeographische Beiträge: F. Ratzel, VI. 586 †
- Beitrag zur Anthropographie Deutschlands: G. Taute, VIII. 411 †
- Binnenseen und der Mensch: W. Halbfass, XX. 364 †
- Br. New Guinea, Studies in Anthropogeography: A. C. Haddon, XVI. 265 †, 414 *
- Caractères de l'Evolution et de la Régression des Sociétés: Y. Guyot, XX. 564 †
- Causes qui ont amené la différenciation des Sociétés humaines: G. d'Alviella, XX. 131 †
- Census-taking and its limitations: J. A. Baines, XVI. 131 †
- Conditions géographiques des faits

ANTHROPOGEOGRAPHY**Anthropogeography—continued.**

- sociaux: P. Vidal de la Blache, XIX. 781 †
 Development of Habitable Lands: H. R. Mill, XV. 652 §; XVI. 131 †
 Education des indigènes: P. Vidal de la Blache, X. 234 †
 Einwirkung des Menschen auf die Natur: F. Tamborini, XIX. 240 †
 Geografia del presente e dell' avvenire ossia etnografia, etc.: G. Tomé, XV. 90 †
 Geographische Methode in der Ethnographie: F. Ratzel, X. 234 †
 Homme et la Terre cultivée: J. Brunhes, XVI. 131 †
 Influence of Geographic Environment: C. Mindeleff, X. 234 †
 Lage der menschlichen Ansiedelungen: A. Hettner, VII. 118 †
 Man and his markets: L. W. Lyde, IX. 116 †
 — and his work: A. J. and F. D. Herbertson, XIV. 588 †
 New Lands: H. R. Mill, XVI. 568 §, 592 †
 Primitive Nature Study: A. F. Chamberlain, XVI. 590 †
 Races et le milieu ambiant: C. Lombroso, XII. 104 †
 Study on Anthropogeography of Corsica: Ratzel, XV. 58
 Tropics, Man in the, K. Daübler on, VII. 339
 Upper Nile Region, E. de Martonne on, X. 95
 Wirtschaftlichen Typen der Ansiedelungen: A. Hettner, XIX. 781 †

Anthropology—

- Abhängigkeit der Nervenreizbarkeit der Völker, etc.: R. Mewes, XI. 207 †
 Anthropological Study of N. Pacific, IX. 568; X. 639; XIV. 96; XIX. 215; Polar Basin, II. 337; Queries, VII. 304
 — Expedition to Torres Straits and Sarawak, XIV. 302
 — Institute of Great Britain and Ireland, Index to Publications: G. W. Bloxam, II. 381 †
 — Investigations . . .
 Children of New York Juvenile Asylum: A. Hrdlicka, XIV. 461 †
 — Investigations in the Alps and Caucasus: V. Dingelstedt, XIX. 533 †
 Anthropologisches . . . aus dem Dschaggalande: A. Widenmann, XV. 82 †
 Anthropology of Brittany: P. Topinard, X. 546 †
 — of Todas and Kotas of Nilgiri Hills: E. Thurston, VIII. 529 †
 Antropologia della stirpe Camitica: G. Sergi, X. 178, 552 †

ANTICOSTI**Anthropology—continued.**

- Australasian Anthropological Journal, IX. 113 †
 Bulletin, vol. ii. No. 1, Madras Government Museum: E. Thurston, IX. 680 †
 Classification of Human Race, III. 126
 Demeter und Baubo: E. Hahn, XII. 104 †
 Dendrophoria: J. S. Phené, XI. 207 †
 Dreigliederung des Menschengeschlechtes: W. Köppen, VI. 394 †
 Earliest Traces of Man: Sir H. H. Howorth, XIX. 239 †
 Eight Anthropological pamphlets, V. 399 †
 Ethnology: A. H. Keane, VII. 433 §
 Femme dans la colonisation: G. Lemire, VII. 118 †
 History of Mankind: F. Ratzel, VII. 118 †; XIII. 569 †
 Living Races of Mankind: H. Hutchinson, J. W. Gregory, and R. Lydekker, XIX. 533 †
 Malaises et Américaines, Races: E. T. Hamy, IX. 583 †
 Man on the earth, etc.: L. W. Lyde, VII. 340 †
 —, past and present: A. H. Keane, XIV. 124 †, 449 §
 —, the primeval savage . . . from . . . Bedfordshire to Blackwall: W. G. Smith, III. 435 †
 Mediterranean Race; Study of Origin of European Peoples: G. Sergi, XVIII. 342 †
 Memoirs of International Congress of Anthropology: C. S. Wake, V. 186 †
 "Nation" as an Element in: D. G. Brinton, IV. 471 †
 Origin of Mankind: L. Büchner, III. 256 †
 Progress of Mankind: E. Reclus, IX. 345 †
 Race Negrito et sa distribution géographique: L. Lapicque, IX. 113 †
 Races et les Peuples de la Terre: J. Deniker, XVI. 493 †
 Recherches anthropologiques dans l'Asie occid.: E. Chantre, VIII. 92 †
 Relations des Blancs avec les Indigènes, IX. 345 †
 Reprints of four papers: D. G. Brinton, V. 399 †
 Sia and Tasayan Snake Ceremonials: J. W. Fawkes, VII. 118 †
 Varieties of Human Species: G. Sergi, VI. 200 †
 Zigeuner, Die: G. Cora, IX. 583 †
 Anti-Atlas range, V. 325
 Antibes, Le port et le quartier maritime d': M. Vinson, XVI. 570 †
 Anticosti, XIII. 456 †; Surveys, II. 23
 Anticosti: N. Le Vasseur, X. 552 †
 —, Esquisse historique et géographique: N. Le Vasseur, X. 552 †

ANTICYCLONES

- Anticyclones, Moving, in S. Hemisphere: H. C. Russell, IV. 89 †
- Anticyclonic Systems and their Movements: H. E. Rawson, XII. 638 †
- Antifer, Le Cap, et la carte d'état-major: J. Filon, IX. 676 †; XI. 680 †
- Antigua—
- Climatology of: W. H. Alexander, XVIII. 553 †
- On Geological and Physical Development of: J. W. W. Spencer, XIX. 235 †
- Seasonal variations in climate of: H. H. Kimball, XVIII. 553 †
- Tree-planting and care of pastures in: Hon. F. Watts, XVII. 94 †
- Anti-Lebanon mts., II. 168
- Antilia Island, V. 223, 234; IX. 191
- Antillean Continent, J. W. Spencer on restoration of, V. 385; Subregion of Neotropical Region, V. 475
- Antilles—
- Antillean volcanoes: W. J. McGee, XX. 470 †
- Cataclysmes volcanique des Antilles: C. Vélain, XX. 360 †
- Catastrophe aux Petites Antilles: J. du Fief, XX. 561 †
- Evolution of the Antilles: J. D. Falconer, XX. 470 †
- Exploration aux: P. Vibert, VII. 335 †
- Antinoë, Fouilles d': A. Gayet, X. 649 †
- Antinosi Country, Madagascar: J. T. Last, VI. 227 *
- Antipaxos: *see* Paxos
- Antipodal areas of the Earth, XIII. 227
- Antipoden, Unsere: K. Peucker, VI. 394 †
- Antipodes, Fleurs des: R. P. Cognet, XIII. 684 †
- Antipodes Is., Cast away on: J. R. Chapman, V. 91 †
- Antitaurus and in Cilicien, Chantres Reisen im, XIV. 226 †
- Antivari, Montenegro, IV. 391
- Antlitz der Erde, Das: E. Suess (French ed.), XI. 321 †, 440 §
- Antofagasta, S. America, XVII. 337
- Anton, G. K.: La régime foncier dans l'Etat indépendant du Congo, XVI. 580 †; Parallèle entre la colonisation moderne et la colonisation sous l'ancien régime, XI. 685 †
- Antonelli, P.: Al Salto Guayrá, IX. 108 †
- Antoniadi: Voyage en Laponie, VIII. 528 †
- Antropoff, E. A.: Financial and Statistical Atlas of Russia, XIII. 222 †
- Anty, P. B. d': *see* D'Anty
- Antze, G.: Revision der Oberflächenströmungen des nord-atlantischen Ozeans auf Grund der Triftphänomene, XIX. 111
- Anuak tribe, E. Africa, XVII. 501; XX. 643
- Anuario de la Real Academia de Ciencias Exactas, Fisicas y Naturales, VI. 102 †

APSCHERON

- Anuchin, D. I.: Lakes in region of sources of Volga and W. Dwina, XIII. 319 †
- Anversois, Notes . . . des émigrations anciennes des: F. Donnet, IX. 573 †
- Anville, d': Boundaries in Guiana, VII. 279; Biography: W. Wolkenhauer, X. 655 †
- Anyika tribe, C. Africa, III. 60
- Anysberg, S. Africa; geological formation, XX. 630
- Anz, W.: Durch die Halbinsel Schantung von Tschifu nach Tsingtau, XVII. 446 †; importance of Kiauchou, XI. 434; Routenaufnahme zwischen Tschifu und Kiautschou, XVII. 221 †; Tschifu und Umgebung, XVII. 320 †
- Aodeli mts. and tribe, S. Arabia, XII. 60
- Aorangi: *see* Cook Mt.
- Apaluk pass, Chitral, I. 52
- Apcheron, Mineral Oil Industry: B. Stern, I. 83 †
- Apennines—
- Der Appenin: W. Deecke, I. 179 †
- Division between N. and C.: G. Roggero, IV. 280 †
- Divisione tra l'Appennino Settentrionale e il Centrale: G. Roggero, X. 451 †
- Entwicklungsgeschichte der Apenninen-Halbinsel: T. Fischer, X. 633 §; XI. 88 †
- Geological Study: C. de Stefani, I. 466 †
- Per gli Appennini: L. F. de Magistris, XI. 449 †
- Pleistocänen Landseen des Apennins: W. Deecke, XV. 434 †
- Vztah poloostrova Apenninského ku Balkánskému: S. F. Nerad, XIV. 224 †
- Apianus, Maps of, H. Wagner on, I. 560
- Apollonia lake and town, Asia Mi., IX. 151; history, IX. 153
- Appalachian mts., XIII. 513
- Appalachian Barrier, Influence upon Colonial History: E. C. Semple, IX. 578 †
- Mountain Club, Topographical Work, I. 462
- Former Extension of: J. C. Branner, XI. 97 †
- Geomorphology of: C. W. Hayes and M. R. Campbell, IV. 190 †
- Map of New England and E. New York, locating prominent summits, I. 470 †
- Northern: B. Willis, XI. 201 †
- Physical Geography of a Northern Section of: J. A. Dresser, XVII. 451 †
- Southern: C. W. Hayes, XI. 202 †
- Appareil destiné à mesurer les hauteurs atteintes par les aérostats: L. Cailletet, XI. 106 †
- Appledore, nipped foreland near, IX. 543
- Appleton: General Guide to U.S. and Canada, I. 86 †
- Apscheron, Halbinsel: F. A. Rossmässler, XVII. 674 †

APULIA

Apulia—

- L'orografia delle Puglie, etc.: C. de Giorgi, X. 451 †
 Siedlungskundliche Studie über Apulien: T. Fischer, XX. 465 †
 Sulla Plastica e la Geologia della Regione Pugliese: C. Bertacchi, XIV. 331 †
 Apure river, S. America, XVII. 361
 Aquileja (Auriche): E. A. Martel, XVII. 443 †
 Aquitanien in der Römerzeit: O. Hirschfeld, VIII. 647 †
 Araba, Wadi al, XX. 653

Arabia—

- Abysses of calcareous deposit, VI. 125;
 Ancient Connections with E. Africa, II. 44; Austrian Exhibition, XII. 521; Fertile valleys, VI. 121; Fuljes, IX. 295; XV. 30; Inhabitants, IV. 321; Relations with Abyssinia, IX. 316; Unexplored areas, II. 489; Vegetation, IV. 331
 Arabia and Abyssinia in Ancient Times: J. W. McCrindle, VII. 570 †
 ———, Cradle of Islam: S. M. Zwemer, XVI. 574 †
 Arabica: Comte de Landberg, VI. 484 †; XIV. 333 †
 Austrian Expedition to Sokotra and, XIII. 638 *
 Bent, J. T., and Mrs., II. 457; IV. 457; V. 167, 379; Exploration in Fadhli and Yafei countries, XII. 41 *; of Frankincense Country, VI. 109 *; S. Arabia, XV. 295 †; XVI. 101 §
 Besuch von Lahadj in Südarabien: O. Baumann, V. 180 †
 Deserts of N. Arabia, A. Musil's explorations, XX. 101, 653
 Hein, Dr.: expedition, XIX. 370; XX. 226
 Journal of excursion in Oman: S. B. Miles, VII. 522 *
 Journey to Jof and back: A. Forder, XX. 619 *
 Map of Country of the Arabian Horse: Major-Gen. Tweedie, IV. 477 †
 Quelques notes sur l'Arabie: Baron A. d'Avril, XVIII. 635 †
 Reise nach Innerarabien, 1893: Baron E. Nolde, V. 604 †
 Reisen in Süd-Arabien, etc.: L. Hirsch, IX. 459 †; X. 438 §
 Structure géologique de l'Arabie Pétrée et de la Palestine: E. Hull, V. 87 †
 Südarabische Expedition: C. Graf Landberg, XIV. 224 †, 678 †; D. H. Müller, XIV. 333 †
 Through Turkish Arabia: H. S. Cowper, III. 347 †
- Arabic—
 Beduinendialekte Innerafrikas: G. Kampfmeyer, XVI. 581 †
 Grammar, II. 383 †
 Praktisches Lehrbuch der Arabischen

ARARAT

Arabic—continued.

- Umgangssprache syrischen Dialekts: A. Seidel, V. 186 †
 Self-taught: C. A. Thimm, XV. 91 †
 Arabkir to Kharput, road, VIII. 329
 Arabs—architecture and palaces in Hadramaut valley, IV. 323; conquest of Jerid, XI. 606; in African colonization, VII. 378; in C. Africa, V. 443, 445; in Egypt, XX. 506; in Oman, VII. 533; invasion of Makran, VII. 391; of Awlad Ali tribe, XX. 503; of Tarhuna, IX. 635; slave-traders on Congo, V. 427
 Die ältere geographische Litteratur der Araber: P. Schwarz, X. 234 †
 Arad, Land und Leute des Comitatus: Janko, VII. 561 †
 Aragão, A. C. F. de: Vasco da Gama e a Vidigueira, XII. 219 †
 Arago medal presented to A. d'Abbadie, IX. 227
 Arak el Amir, Arabia, V. 2
 Arakan, N., and Yawdwin Chin Hills, History of operations in: G. C. Rigby, XIII. 90 †; Arracan expedition, 1825, XVI. 365 †
 Arakan Yoma range, Burma, XI. 546
 Aral, Sea of—
 Berge Erforschung des Aralsees in Sommer 1900: N. V. Seidlitz, XVIII. 86, 229 †
 Cartography of, letter from D. Aitoff, XX. 110
 Changes of level, L. S. Berg's observations, XVIII. 531; XIX. 503
 Hydrological Explorations: L. S. Berg, XX. 354 †
 Journey to: L. S. Berg, XVIII. 548 †; XVIII. 619 §
 Seespiegelschwankungen, etc.: A. Woelkow, XVIII. 531 §; XIX. 397 †
 Sketch of Physical Geography: L. S. Berg, XIX. 768 †
 Aralo-Caspian Region, Area of River Basins, XI. 63; Ueber das diluviale aralokaspische Meer: H. Sjögren, VI. 97 †
 Aramaya, Señor: remarks on "Explorations in Bolivian Andes," XIV. 31; on "S. America; Outlines of its Physical Geography," XVII. 408
 Aran Is., Ethnography of: A. C. Haddon and C. R. Browne, II. 561 †; IV. 59 §
 Aran, Val d', et les sources de la Garonne: L. F. Viala, XI. 566 †
 Arana, D. B.: La Cuestion de Limites entre Chile i la Republica Argentina, VII. 217 †
 Aransas Pass, Texas; Efforts made to demonstrate practicability of reaction breakwater at: L. M. Haupt, XVI. 253 †
 Ararat—
 Ararat: E. Chantre, III. 159 †
 ———: W. Rieckner-Rieckmers, VII. 110 †

ARABAT

Ararat—continued.

- Ararat, Mt.: A. Ivanovsky, XI. 196 †
 —, Der: M. Ebeling, XVI. 247 †
 Besteigung des Ararat: A. Oswald, XVI. 698 †
 H. F. B. Lynch's ascent, II. 458
 Pastuchow's ascent, V. 381; Pastuchow's Besteigung des Ararats: N. von Seidlitz, V. 180 †
 Aräometer im Atlantischen und im Stillen Ozean: A. Krämer, XIV. 688 †
 Arauca river, S. America, XVII. 363
 Aravalli mts., India, III. 171
 Arawatta, Br. Guiana, V. 338
 Arbery, C. J.: Handbook of Military Photography, XV. 304 †
 Arbo, C. O. E.: Er der forgæet nye invandring i Norden? XVI. 120 †; Fortsatte Bidrag til Nordmændenes Anthropologi, IX. 678 †; XIV. 112 †; Udsigt . . . Norges anthropologiske forhold, VII. 439 †
 Arbore tribe, E. Africa, VIII. 224
 Arc Measurement, Trans-continental; E. D. Preston on, XI. 300
 — of Meridian, Measurements of an, L. Bassot on, I. 22; Sulle misure di Arco di Meridiano: O. Zanotta-Bianco, X. 459 †; re-measurements: see Quito and Spitsbergen
 — of 98th Meridian, Plan for International measurement of: H. S. Pritchett, XV. 556 †
 Arcachon—
 Bassin d': C. Duffart, IX. 335 †
 Basin of, Gironde: J. Thoulet, I. 265 §
 Côtes des Landes et bassin d'Arcachon: Hautreux, IX. 335 †
 Forest of: P. Kauffman, I. 180 †
 Arcadia (Greece)—Voyage en Arcadie: M. Fougères, XVIII. 632 †
 Arch or Waterfall cave, Ireland, X. 504
 Archæan Rocks, Origin and Evolution of: A. R. C. Selwyn, XI. 206 †
 Archæological Report: D. Boyle; Appendix to Report of Minister of Education, Ontario, VIII. 418 †
 — Studies among Ancient Cities of Mexico: W. H. Holmes, VIII. 191 †
 Archiagnano group of volcanoes, Italy, X. 416, 425
 Archinard, Col.: Le Campagne 1892-93 au Soudan français, VII. 332 †; VIII. 177 §
 Archipelago—Frage nach der Entstehung des ost- und westindischen Archipels: K. Martin, VIII. 425 †
 Architecture—Hausforschung, etc.: K. Rhamm, IX. 676 †; History of: J. Fergusson, IV. 471 †
 Arco Felice, Lake Avernus, X. 420
 Arctic—
 Depth of seas, VIII. 279, 390; IX. 476, 510, 519; Fauna and Flora, II. 341;

ARCTIC

Arctic—continued.

- Geology, II. 340; Ice conditions XIII. 139; Post-Tertiary Deposits, V. 374; Region of N. America, II. 495; River systems, II. 334 (areas of basins), XI. 62; XII. 182; Storms, VIII. 547; Summer, II. 342; Temperatures, IX. 499, 513; XIV. 38, 40, 44; Tundra, II. 335; Unexplored areas, II. 482, 496
 Abords du pôle: J. Péroche, XX. 673 †
 Arctic and Antarctic: W. S. Bruce, XIX. 532 †
 Arctic and Antarctic: A. Trevor-Battye, X. 232 †
 Arctic Pilot: J. P. Maclear, XIX. 779 †; vol. i.: H. S. Penn, XIII. 218 †
 Arktis und Antarktis: A. Woeikof, XV. 672 †
 Auroral Observations . . . Franz Josef Land: E. B. Baldwin, XVIII. 555 †
 Blandt Nordpolens Naboer: E. Astrup, IX. 466 †
 Calătorie în regiunile Polare nordice: B. G. Assan, XI. 204 †
 Commerce of the Arctic: F. Schwatka, II. 189 †
 Condizioni dei ghiacci nel Mar di Groenlandia: C. Ryder, XIII. 96 †
 Crociera nel Mar Polare Arctico: G. Schoch, XVI. 128 †
 Currents, I. 4, 30; VIII. 391 IX. 508; W. Köppen on, II. 461; Drift-casks for determination of, XIV. 326; XVIII. 627; Do.: H. G. Bryant, XV. 443 †; XIX. 404 †; G. W. Melville, XII. 328 †; Great Polar Current: H. M. Prentiss, X. 458 †; Warm undercurrent: B. L. Smith, X. 554 †
 Eismeer-Fischerei und der Walfang: P. Lindeman, XV. 198 †
 Entwicklung der Physikalischen Geographic der Nordpolarländer: H. Weber, XI. 687 †
 Estudios sobre las Regiones árticas: J. G. Sobral, XVI. 128 †
 Faunas of Arctic and Antarctic, supposed resemblance between: D'Arcy Thompson, XIV. 588 †
 Flora Arctica: O. Gelert and C. H. Ostenfeld, XX. 673 †; Light and Plant-growth: Wiesner, X. 331; XVII. 665; Marine Floras of Arctic and Antarctic: D'Arcy Thompson, XVI. 587 †; Pflanzen in arktischen Gebiete, Untersuchungen über den Lichteinuss der: J. Wiesner, XVIII. 339 †; Pflanzlichen Formationen der Arktis: M. Rikli, XX. 249 †, 344 §
 From North Pole to Equator: A. E. Brehm, trs. M. R. Thomson, VII. 686 †

ARCTIC

Arctic—continued.

Glaciers—Glaciers dans les Régions arctiques et boréales: C. Rabot, X. 652 †; Glacial Geology of Arctic Europe: H. W. Feilden, IX. 102 †; Variations des Glaciers arctiques: C. Rabot, XI. 204 †

Hail and Thunderstorms: H. Harries, IX. 110 †

Hydrographic researches: Zhdanko, VII. 555 §

Ice—Arctic Sea Ice as Geological Agent: R. S. Tarr, IX. 581 †; Eisgrenze zwischen Grönland—Island—Spitzbergen, X. 653 †; Glaces flottantes autour du Spitzberg, etc.: C. Rabot, IX. 581 †; Glacial action on W. Coast of Greenland, etc.: G. H. Barton, IX. 581 †; Ice in the Arctic Seas, 1899 . . . XV. 539; 1900, V. Garde's Report, XVII. 436 §, 680 †; XX. 106 §, 362 †; Isforholdene i Nordhavet: C. Ryder, VII. 447 †; Verbreitung des Treibeises in den arktischen Meeren: T. V. Garde, XIX. 405 †; "Yermak" ice-breaker, XV. 44

Il più grande avvenimento . . . Scoperta tecnica del Polo Nord: L. U. A. Volante, IX. 110 †

Maps—Arctic regions, comprising explorations of Peary, Nansen, and Jackson: A. Heilprin, X. 125 †; Arctic regions, tracks of Search Parties, etc. (U.S. Hydrographic Office) VIII. 93; Neueste Handkarte der Gebiete um den Nordpol: A. Herrich, VIII. 537 †; Nord-Polar Karte: V. Haardt, XIII. 332 †; Petshora Bay and Kara Sea, Gulf of Obi and River Yenesei: H. D. Jenkins, II. 479 †

Meteorological and Hydrological Observations, 1898, XIX. 405 †

Nord-Polarmeer, Das: R. Dittmer, XIX. 404 †

North Polar Basin: H. Seebohm, II. 331 *

— Problem: Sir C. R. Markham, IX. 505 *

Nutida hvalfångsten i Norra Ishavet: A. Ohlin, VII. 447 †

Océan arctique, Matériaux océanographiques rassemblés pendant les années 1889-93: M. N. Andréeff, XVI. 704 †

People of the Farthest North: F. A. Cook, XIX. 660 †

Problems of Nature: G. Jaeger, trs. H. G. Schlichter, X. 123 †

Recent science (Arctic): Pr. Kropotkin, IX. 466 †

Some problems of Arctic geology: J. W. Gregory, X. 652 †

Terrestriske Nordpols Variation: M. C. Engell, XIX. 406 †, 642 §

ARCTIC

Arctic—continued.

Tides: S. Haughton, III. 350 †; VII. 337 †

Unbekannte Polargebiete: A. Supan, IX. 349 † (map), 581 †

Weathering and Stream Erosion, Rapidity of: R. S. Tarr, IX. 581 †

White World, The: R. Kersting, XX. 673 †

Exploration—

Progress, I. 2; IV. 6; IX. 595; X. 319; 567

Allgemeines über den Verlauf der Expedition nach dem europäischen Nord-Meer: Rüdiger, XIII. 459 †

Arctic and Antarctic Exploration: Sir C. R. Markham, VI. 99 †

— and Antarctic regions, Promotion of further discovery: Sir C. R. Markham, X. 124 †

— Problems: Sir C. R. Markham, XX. 481 *

— Work of 1896: J. W. Gregory, IX. 110 †

— Cruise of the *Bear*: S. Jackson, VII. 447 †

Artistic Expedition to the North Pole: J. von Payer, V. 106 *, 488

Cabot's voyages, XIII. 204

Canadian Polar Expedition: J. E. Bernier, XVIII. 237 †

Carolus, Joris, Discoverer of Edge I.: Sir W. M. Conway, XVII. 623 *

Danish Expeditions, 1605-20: C. Gosch, XI. 102 †, 672 §

— *Ingolf* Expedition, Report, XV. 273 §

Danske arktiske Expeditioner, 1605-1620: J. A. D. Jensen, XI. 687 †

Découverte du Pôle Nord: E. Payart, VIII. 423 †

Expéditions aërostatiques au Pôle Nord: H. de Graffigny, IX. 466 †

— polaires arctiques, internationales et simultanées: E. Payart, XVIII. 237 †

Explorations arctiques en 1896: C. Rabot, IX. 344 †

— dans l'Océan glacial arctique: C. Rabot, IV. 380 †

Europäische Eismeer und ein neuer Expeditionsplan nach dem Nord-pole: H. Anschütz-Kaempfe, XVII. 435 §; XVIII. 339 †

Finding the way to the Pole, XIX. 110

Frobisher Bay revisited: R. W. Porter, XII. 102 †

German expeditions—(Rüdiger), XI. 673; XII. 419; (Bade and Bauendahl), XVI. 356

Handbook of Arctic Discoveries: A. W. Greely, VII. 566 †

How can the N. Polar regions be crossed? F. Nansen, I. 1 *

ARCTIC

Arctic—continued.

- In Nacht und Eis: B. Nordahl und J. Johansen, XIV. 231 †
Jeannette Relics, Dall on, VII. 566 †;
 Examination into genuineness of, VIII. 423 †
 La via al Polo Nord, Breve Critica della geografia fisica, XIV. 343 †
 Nares' Expedition, relics, XVI. 109
Newport, American whaler, II. 463;
 Reported high latitude attained by, III. 238
 Om väderteksförhallandena . . . luftballong: N. Ekholm, VII. 567 †
 Pike, A.: cruise in Arctic Seas, X. 543
 Pôle Nord en bateau sous-marin: G. L. Pesce, IX. 110 †
 Précurseur de Nansen au XIV^e siècle: C. Rabot, XV. 197 †
 Problems of Arctic Exploration: H. Hill, XVII. 561 †
 Radmore, J. R.; Honour to, VII. 556
 Researches in N. Arctic Ocean: Baron F. Wrangell and S. O. Makaroff, XII. 438 †
 Review of Arctic Exploration: W. C. Thomson, XIII. 685 †
 Russian Expedition under Capt. Warneck, XIX. 762
 ——— navigators in the Arctic: J. de Shokalsky, XII. 172 *
 Scope and Value of Arctic Exploration: A. W. Greely, VII. 447 †
 Story of the N.W. Passage, as told by Early Explorers, XV. 198 †
 Summer Voyage to: G. R. Putman, IX. 684 †
 Vattenprof tagna under "1900 års svenska zoologiska polarexpedition:" O. Pettersson och H. Östergren, XVII. 326 †
 Vers les Poles: A. de Lapparent, XVIII. 237 †
 With the Yachts *Blencathra* and *Princess Alice* to Barents and Greenland Seas: W. S. Bruce, XIII. 685 †
 Abruzzi, Duke of, XI. 302; XIII. 542, 664; XIV. 98; XVI. 480, 566; XVIII. 282
 Conferenza del Duca degli Abruzzi e del Comandante Cagni alla Società Geografica Italiana, XVII. 561 †
 Expédition du duc des Abruzzes au pôle Nord, XVIII. 237 †
 Farther North than Nansen: Duke of Abruzzi, XIX. 779 †
 Il ritorno della spedizione polare di Duca degli Abruzzi, XVI. 703 †
 La Spedizione Artica di S.A.R. il Duca degli Abruzzi (1899-1900) G. Cora, XVIII. 339 †
 Nansen's "Farthest North" eclipsed, XVI. 703 †
 Nearest the Pole, Comm. Cagni's Account, XVIII. 458 †

ARCTIC

Arctic—continued.

- Spedizione del Principe Luigi di Savoia Duca degli Abruzzi al Polo Nord: M. G. Toni, XVII. 214 †
 Spedizione italiana nel Mare Artico sulla *Stella Polare*, XVII. 561 †
 Voyage of the *Polar Star*: Duke of Abruzzi, XVIII. 458 †
 Amdrup, XVI. 481
 Amundsen, R., XX. 573; expedition to Magnetic Pole, XIX. 97, 484*; XX. 627*; Magnetiske Nordpol, En paatoenkt Undersølgelsesreise til den, XIX. 779 †
 Andrée, VII. 206, 325; VIII. 13, 74, 180, 300, 518; IX. 110 †, 111 †; X. 218; XIII. 6; discovery of buoy, XVI. 481; premiums offered for news of, XVIII. 217; probable route, XIV. 575; search expeditions, X. 640; XI. 673; XII. 419; XIII. 75, 200, 307, 438; XIV. 97
 Andrée and his Balloon: H. Lachambre and A. Machuron, XI. 457 †
 Andrées ballongfärd under de två första dagarne: N. Ekholm, XI. 204 †
 Andrées ballongupstigning 1897: G. R. Celcing, XI. 204 †
 Andrée on his plans, V. 598
 Adrée'schen Ballon-Expedition zum Nordpol: O. Baschin, XI. 102 †, 204 †
 Andréeschen Polarexpedition, Wann erfolgte der Untergang der: E. Voigt, XIX. 404 †
 Andrée'sche Polarproject, Neuere Mittheilungen über das: O. Baschin, VIII. 422 †
 Andréeska polarbojens drift till Kung Karls land: A. G. Nathorst, XV. 556 †
 Atgärder för tillvaratagande af föremål från Andrée-expeditionen: A. G. Nathorst, XVIII. 237 †
 Ballon d'Andrée, Le: XIV. 686 †
 De hittills funna flytbojarna från Andrée - expeditionen: A. G. Nathorst, XVII. 214 †
 Die Nachrichten von der Expedition Andrée: A. Lorenzen, XVII. 561 †
 Expedition Andrée au Pole Nord, IX. 110 †
 Förslag till polarfärd med luftballong: S. A. Andrée, VII. 567 †
 Invocazione ed auguri mondiali a favore di: A. Volante, XII. 328 †
 Le sort de l'Expedition Andrée: M. Zimmermann, XVI. 586 †
 Neue Mittheilungen über des Polarproject: O. Baschin, VIII. 422 †
 Om den på Island funna flytbojen från Andrée - expeditionen: G. Svedenborg, XV. 671 †

E

ARCTIC

Arctic—continued.

- Plan to reach N. Pole by Balloon: S. A. Andrée, VIII. 423 †
 Route: letter from A. M. Brice, XIV. 575
 Anschutz-Kampfe's plan to reach Pole, XVII. 435
 Baldwin, Prof., XVIII. 217, 447; XX. 6, 344, 434
 Bauendahl, O., XVI. 356; XVIII. 313
 Ergebnissen der Polarfahrt des *Matador* unter Führung . . . O. Bauendahl, XVIII. 646 †; XIX. 238 †
 Bernier, XI. 302; XVII. 80, 198
 Björling, A.: IV. 15, 532; search, III. 419, 433
 Om Björlings och Kallsteni expedition: G. Nordenskiöld, VII. 447 †
 Conway, VIII. 13, 180, 300; X. 219
 Fox and James in search of N.W. passage, etc.: M. Christy, III. 536 †
 Franklin and the Arctic, IX. 466 †;
 Notes on Franklin's expeditions: W. S. Dalgleish, VI. 586 †
 Jackson, F. G., I. 360; II. 13, 17, 463, 483, 555; IV. 10, 141 †, 177, 275, 365; V. 173; VI. 19, 387, 475; VIII. 12, 74, 402; X. 445
 Jackson-Harnsworth Polar Expedition: A. M. Brice, VIII. 543 †; XI. 205 †
 Thousand Days in the Arctic: F. G. Jackson, XIV. 122 †
 Three Years in the Arctic: J. R. Koettlitz, XII. 438 †
 Voyage of the *Windward*, XVI. 357, 566
 Lerner, T., XI. 673; XII. 419
 Markham, A. H.: Arctic exploration (congress report), VIII. 423 †; Arctic explorations (Smithsonian Inst. report), XIII. 567 †
 Nansen, F., I. 543; II. 17, 69, 174, 272, 346 †, 463, 554; IV. 8, 365; VI. 388; VII. 317, 433, 555; VIII. 12, 279, 402; IX. 110 †, 473 †; XV. 650
 Den norske polarekspedition, 1893–96: F. Nansen, XI. 457 †
 Durch das Polargebiet: F. Nansen, X. 458 †
 Farthest North: F. Nansen, IX. 344 †
 How the North Pole will be reached: F. Nansen, XI. 687 †
 La Spedizione Artica di Nansen: G. Cora, XIX. 405 †
 Le voyage de Nansen: M. Zimmerman, X. 232 †
 Nansen and his Scientific Results: E. Plumstead, XVI. 256 †
 Nansen's polar expedition and its scientific results: H. Mohn, VIII. 389 †
 Nansens Polarexpedition, Wissenschaftliche Ergebnisse von: J. F. Pompeckj, XVII. 326 †

ARCTIC

Arctic—continued.

- Norwegian Polar Expedition 1893–1896: E. Plumstead, XVIII. 237 †
 Norwegische Polar Expedition: A. Supan, X. 653 †
 Norwegischen Polar-Expedition 'mit der *Fram*, meteorologischen Beobachtungen: H. Mohn, XIX. 405 †
 Scientific Results, XIII. 199; Do.: F. Nansen, XV. 671 †; XVII. 561 †; XVIII. 284 §; XX. 249 †, 332 §
 Simon, H., Occasional Letter, Special Nansen Number, X. 232 †
 Some results: F. Nansen, IX. 473 †; X. 123 †, 342 †; F. Nansen and others, XII. 328 †
 Nathorst, A. G., X. 641; XII. 385; XIV. 51 †, 97, 155 †, 448, 534, 686 †
 Crustacea collected during the Swedish Arctic Expeditions, 1898 and 1899: A. Ohlin, XIX. 531 †
 Om 1898 års svenska polarexpedition: A. G. Nathorst, XIII. 459 †
 Polarforskungen: A. G. Nathorst, XX. 471 †
 Två Somrar i Norra Ishafvet . . . eftre Andrée i Nordöstra Grönland: A. G. Nathorst, XVIII. 646 †; XIX. 80 §
 Nordenskiöld, XVIII. 450
 Peary, R. E., I. 361, 543; II. 17, 174, 273, 463, 482; IV. 12, 365, 461; VI. 81, 387, 475; VIII. 74, 179; IX. 223; X. 218, 445, 544; XI. 214; XII. 194, 420; XIII. 7; XIV. 325, 448, 570; XVI. 109; XVII. 80; XVIII. 447, 539, 646; XIX. 96, 762; XX. 6, 434; Auxiliary, XVIII. 218; H. L. Bridgman on, XVI. 492 †; Communication with, XVII. 537; Relief, IV., 178, 532 †
 In Arctic Seas, Voyage of the *Kite*: R. N. Keely and G. Davis, I. 378 †
 Le Spedizioni di R. E. Peary nella Groenlandia Nord: G. Cora, V. 92 †
 Map showing Peary's explorations: G. Cora, IV. 384 †
 My Journal, etc.: Mrs. Peary, III. 75 †
 Northward over the Great Ice, XII. 498 §, 637 †
 Peary Auxiliary Expedition of 1894: H. G. Bryant, VI. 585 †
 Peary's Arctic Work: C. C. Adams, II. 303 †
 Peary's Expeditions: G. H. Barton, IX. 466 †
 Preliminary Report, 1893–94: R. E. Peary, VI. 199 †
 Problem and Narrative of Peary Relief Expedition, etc.: A. Heiprin, II. 281 †
 With Peary near the Pole: E. Astrup, XII. 102 †
 Stein, R., XIV. 326, 571, proposed plan III. 62

ARCTIC

Arctic—continued.

- Deux années dans les régions arctiques, Journal du R. Stein, XX. 249 †
- Stökken, XVIII. 313
- Sverdrup, XII. 82, 527; XIII. 7; XIV. 448, 571; XX. 6, 434, 573
- Nouvelle expédition polaire norvégienne: N. Voll, XIII. 97 †
- Toll, Baron E. von, XIV. 327; XV. 651; XVIII. 217, 539; XIX. 221, 510; XX. 7; Auxiliary, XVI. 567
- Russian Polar Expedition in the *Sarya*: Baron Toll, XIX. 475 *
- Russische Polarexpedition unter Leitung von Baron Toll, XX. 249 †, 362 †
- Summary Report for 1901: Baron Toll, XX. 216 *
- Warneck, Capt., XIX. 762
- Wellman, W., III. 335; IV. 12, 178, 275, 365; XII. 82, 194, 419; XIII. 7; XIV. 326; XV. 184
- Arctogæa division of distribution of mammals, III. 97
- Arctowski, H.—
- À propos de la question du climat des temps glaciaires, XIX. 532 †
- Antarctic climate, XIV. 413 *, 686 †
- exploration, XIV. 547
- voyage of the *Belgica*, 1897, 1898, and 1899, XVIII. 353 *
- Aperçu sur les Observations météorologiques de l'Expédition antarctique belge, XVIII. 237 †, 458 †
- sur les Recherches océanographiques de l'Expédition antarctique belge, XVIII. 339 †
- Award to, XVI. 116
- Bathymetrical Conditions of Antarctic Regions, XIV. 77 *
- Bibliografie . . . Polskich, X. 226 †
- Calottes glaciaires des régions antarctiques, XVII. 561 †
- Expédition antarctique belge, Rapports scientifiques, etc., XIX. 778 †
- Exploration of Antarctic Lands, XVII. 150 *, 680
- Genealogy of the Sciences, X. 344 †
- Géographie physique de la région antarctique visitée par l'Expédition de la *Belgica*, XVI. 492 †
- Intérêt qu'offre pour la géologie l'exploration des régions antarctiques, X. 231 †, 341 †
- International co-operation in Antarctic Research, XVI. 689
- Letter on Belgian Antarctic Expedition, XIX. 388 †
- Note complémentaire au sujet de la discussion de la question de l'abrasion glaciaire, XX. 563 †
- sur les Dunes du Cap Polonie sur la côte de l'Uruguay, XX. 470 †
- sur les phénomènes crépusculaires observés à bord de la *Belgica*, XX. 249 †

AREJ

Arctowski—continued.

- Notice sur l'abrasion glaciaire, XX. 240 †
- sur les aurores australes, XVI. 257 †
- Observations on Aurora Australis, XVI. 92 *, 493 †
- Physico-Chemische Notizen, XI. 103 †
- Quelques mots relatifs à l'Étude du Relief de l'Ardenne, XVIII. 225 †, 615 §
- Relief de l'Ardenne, XVIII. 225 †, 320 †, 615 §
- Résultats d'observations météorologiques faites à l'île des États, XVII. 627
- Sur l'ancienne extension des glaciers dans la région des terres découvertes par l'expédition antarctique belge, XVI. 586 †
- Sur les aurores australes et boréales, XVII. 681 †
- Sur les conditions météorologiques des régions antarctiques, XVII. 680
- Sur les icebergs tabulaires des régions antarctiques, XVII. 680 †
- Sur les variations périodiques des aurores australes observées à bord de la *Belgica*, XIX. 404 †
- Voyage d'exploration dans la région . . . de la Terre de Feu, XX. 470 †
- Arctowski, H., et A. Renard: Sédiments marins de l'expédition de la *Belgica*, XVIII. 339 †; XX. 129 †
- et J. Thoulet: Résultats du Voyage du *Belgica*, XIX. 404 †
- Ard, Loch, Bathymetrical Survey, XVII. 275; Geology, XVII. 288
- Ardaillon, E.: Les principes de la Géographie moderne, XVIII. 243 †; Programme d'études de géographie régionale, XV. 558 †; Répartition des chrétiens et des musulmans dans l'île Crète, X. 225 †
- and Cayeux: Scientific expedition in Crete, XIX. 212; XX. 450
- Ardebeau, Souter, et Colani: Carte de la Basse-Egypte, XI. 109 †
- Ardèche, L': L. Bourdin, XII. 91 †; Coupe de Jaujac: T. Anderson, XIX. 392 †
- Ardennes—
- Eine geologisch-geographische Skizze: P. Wagner, XX. 238 †
- Excursion géographique dans l'Ardenne: P. Léon, XVII. 671 †
- Relief de l'Ardenne: H. Arctowski, XVIII. 225 †, 320 †, 615 §
- Limite occidentale du département des Ardennes: H. Jardart, XX. 665 †
- Trip in French Ardennes: I. A. Rayeur, IV. 468 †
- Ardishai, Asia Mi., XIV. 507
- Ardouin-Dumazet: Les Iles Bretonnes, IX. 231 †
- Areas—Genauigkeit der Flächenangaben, E. Hammer, XVI. 129 †
- Arej, N. Africa: tombs, X. 607

AREL

- Arel, eine deutsche Stadt in Belgien: T. Kellen, XIII. 554 †
- Arendsee in Altmark: W. Halbfass, VIII. 634; IX. 232 †; XI. 191 †; Tiefenkarte, VIII. 427 †
- Arcometer—Ueber einige neuere Beobachtungen an Aräometern: O. Krummel, VI. 100 †; De l'utilité de la mesure des densités en océanographie et d'un nouveau modèle d'aréomètre à eau de mer: Thoulet, VI. 100 †; Aräometer im Atlantischen und Stillen Ozean: A. Krämer, XIV. 688 †
- Argentières Glacier, Alps, I. 488
- Argentine Republic—population, VIII. 639; river-gradients, III. 319; territorial area, XIV. 245; triangulation, III. 144
- Agricultura, Comercio . . . della Republica Argentina: C. Nagar, XVII. 678 †
- Ministerio de, Memoria presentada al Honorable Congreso, XIX. 402 †
- Agricultural and Commercial Condition (Foreign Office Rep.), XVI. 584
- Allevamento del bestiame e l'industria delle carni al Plata: M. Garrou, XVI. 254 †
- Anthropogeography: F. P. Moreno, XVIII. 574 *
- Anuario de la Dirección General, XI. 99 †; XV. 442 †; XVI. 490 †; XVII. 324 †; XVIII. 457 †
- Argentine, Patagonian, and Chilian Sketches: C. E. Akers, II. 91 †
- Bodenverhältnisse des nordwestlichen Teiles . . . : L. Brackebusch, II. 267 §, 280 †
- Boletín Demográfico Argentino, XV. 299 †
- Buenos Aires al Iguazú: M. Bernárdes, XVIII. 457 †
- , Investigacion Parlamentaria sobre Agricultura, etc.: F. Seguí, XVIII. 643 †
- Bureau of American Republics: Argentine Republic, VII. 680 †
- Colonie Agricole nella Provincia di Cordoba: O. Francisci, XVIII. 457 †
- Colonizzazione della Repubblica Argentina: E. C. Gelodi, XIX. 402 †
- Cruz en America (Arqueologia Argentina): A. Quiroga, XIX. 402 †
- Découvertes géographiques dans la République Argentine: E. Daireaux, XVIII. 643 †
- Demarcacion de limites entre las provincias de Córdoba y La Rioja, XVIII. 235 †
- Departamento Chamental: G. Vallejo, XVI. 702 †
- Der Weg über die Cordillere zwischen Argentinien und Chile: J. Greger, VI. 489 †

ARGENTINE REPUBLIC

Argentine Republic—continued.

- Deutchum in Argentinien: F. Semler, IX. 682 †
- Development, 1889-93: H. Polakowsky, IV. 284 †
- Devono y Gondwana en la República Argentina: G. Bodenbender, XI. 99 †
- Distretto consolare di La Plata: C. Nagar, XIV. 341 †
- El Barco y Santiago del Estero: S. A. Lafone Quevedo, XVI. 126 †
- Entdeckung megalithischer Denkmale in Thale Tafi: J. B. Ambrosetti, IX. 579 †
- Esperanza de Santa Fé: S. Lhiez, XVIII. 235 †
- Estudios sobre producción . . . de la República Argentina: C. L. Klett, XVII. 324 †
- Etnologia en el Rio de la Plata: S. A. Lafone Quevedo, XVI. 126 †
- Evolution économique et sociale de la République Argentine: E. Daireaux, XVIII. 235 †
- Examen critico de la Obra del Señor Perito Argentino F. P. Moreno: F. Fonck, XX. 671 †
- Ferrocarriles proyectados en el Neuquen: F. R. Cibils, XVI. 702 †
- Geografia Comercial de la América del Sur: C. B. Cisneros y R. E. García, XVII. 213 †
- Géographie économique de la République Argentine au XIX^e siècle: E. Daireaux, XVII. 557 †
- économique de l'Argentine: A. Vacher, XX. 469 †
- Geography of Argentine and Ancient Pampean Sea: G. E. Church, XII. 386 *, 634 †
- , notes: H. D. Hoskold, IX. 464 †
- Government surveys on Pilcomayo, etc., VII. 83
- Homenaje al Presidente Dr. Campos Salles, El Brasil y la Argentina, XIX. 109 †
- Influencia de la población española en los progresos de la: D. G. Carrasco, XVII. 678 †
- Inundaciones en el Rio Negro: E. Chanourdie, XVI. 702 †
- Jeografia Náutica de la República Argentina: J. T. Chaigneau, IX. 107 †
- Journey through Pampa territory: J. B. Ambrosetti, III. 534 †
- Küstenkunde von Argentinien: H. B. Danielssen und H. Hansen, XV. 442 †
- La Plata Länder, Geschichte der Eroberung und Besiedelung: J. Rein, XVI. 253 †
- Langosta, Comisión Central de Extinción de, XV. 554 †

ARGENTINE REPUBLIC**Argentine Republic—continued.**

- Lenguas argentinas, Idioma Abipon: S. A. L. Quevedo, XI. 99 †
- Llanura argentina: D. E. A. Bavio, XVI. 584 †
- Londres de Quinmivil, Las ruinas de: H. Furque, XVII. 558 †
- Los Lules: S. A. L. Quevedo, VI. 393 †
- Ma Mission en Argentine: C. Wiener, XII. 436 †
- Manual del Viajero, Baedeker de la República Argentina: A. B. Martinez, XVIII. 553 †
- Memoria del Departamento del Interior correspondiente al año 1899, XVII. 557 †
- del Ministerio de Marina correspondiente al ejercicio 1900-1901: N. O. Betbeder, XVIII. 553 †
- Missions franciscaines du désert argentine: L. Beek-Bernard, XIV. 120 †; Rapporto: Gherardo, XI. 686 †
- Moreno, F. P.; explorations, VIII. 518
- N.W. region, Explorations by Argentine Government, III. 518; Soil and Vegetation, L. Brackebusch on, II. 267
- Notes de Voyage sur le Brésil et la République Argentine: E. de Rancourt, XVII. 558 †
- Observaciones magnéticas en la República Argentina y el Paraguay: O. Doering, VI. 490 †
- Pampas E. of Sierra of Cordoba: W. Bodenbender, III. 74 †
- Photographs: L. A. Wallace, XV. 96; Soc. Fotografica Argentina de Aficionados, XX. 476
- Población probable . . . al entrar al siglo XX: G. Carrasco, XIX. 402 †
- Puertos en la Provincia Buenos Ayres: J. B. Figueroa, XV. 442 †
- Raza pampeana y la raza guaraní ó los indios del Rio de la Plata: S. A. L. Quevedo, XVII. 679 †
- Reconnaissance de la Région andine: F. P. Moreno, XI. 686 †
- Reconocimiento de la Region Andina de la República Argentina: S. Roth, XV. 299 †
- Report for 1892: W. S. Gastrell, I. 377 †
- Resultados hipsométricos de algunos viajes del Dr. G. Bodenbender: O. Doering, XIV. 584 †
- Scenery of: F. P. Moreno, XX. 359 †
- Segundo censo de la República Argentina, XIII. 566 †, 682 †
- S.E. Coast, mountains, XVII. 359
- Süd-Amerika unter besonderer Berücksichtigung Argentinens: P. Märtens, XIII. 457 †

ARGENTINE REPUBLIC**Argentine Republic—continued.**

- Tehuelches et sur les indigènes de la République Argentine: M. P. Moncousin, XVI. 253 †
- Territori del Rio Negro e del Rio Colorado: C. Cipolletti, XVIII. 553 †; XX. 671 †
- Territory of Misiones: J. B. Ambrosetti, I. 87 †
- Tesoro de Catamarqueñismos: S. A. L. Quevedo, VI. 393 †
- Trade (Foreign Office Rep.), XII. 635 †; XIII. 682 †
- Viaje da Exploración del Azopardo al Golfo San Matias: F. Lahille, XVIII. 112 †
- Voyage dans l'Argentine sud: Machon, XV. 442 †
- Year Book, XX. 671 †
- Boundaries, X. 215
- Argentino - Chilian, demarcation, XIII. 682 †; Report, XVI. 701 †; Statement presented on behalf of Chile in reply to Argentine Report, XX. 359 †; Boundary in Puna of Atacama, XIV. 322; treaty between Chile, Bolivia, and Argentina, VIII. 640
- Argentinisch - chilenischen Grenzstreit: J. J. Rohde, VII. 680 †
- Argentino-Chilian Boundary Question: F. P. Hansen, XII. 327 †
- Boundary agreements, Translation: E. Lamarca, XIII. 682 †
- Dispute between Chile and Argentina: H. Gibson, XIX. 775 †
- Chile and Argentinien in der patagonischen Kordillere: H. Steffen, VII. 217 †
- Chilenisch-Argentinischen Grenze im Feuerland: H. Steffen, XI. 99 †
- Conflit chilo-argentin, etc.: C. Rabot, XVIII. 112 †
- Cuestion de Limites entre Chile i la República Argentina: D. B. Arana y M. Valderrama, VII. 217 †
- Grenze Argentinien gegen Chile: H. Polakowsky, VI. 489 †
- Limites con la República Argentina: R. Montaner, VII. 217 †
- Limites occidentales de la República Argentina: E. S. Delachaux, XII. 101 †; XV. 196 †
- Litige Chilo-Argentin et la délimitation politique des frontières naturelles: H. A. Moulin, XX. 359 †
- Nuestros límites con Chile: H. Gréger, VI. 489
- Treaties between Argentina, Bolivia, and Chile, VIII. 640
- Cordillera (see also Andes), XII. 469; Gletscherstudien aus der Argentinischen Kordillere: R. Hauthal, V. 284 †; 'Los Penitentes' Ice Group, I. 168

ARGENTINE REPUBLIC

Argentine Republic—*continued*.

Maps—

- Atlas Meteorologico de la República Argentina: E. A. S. Delachaux, XVII. 686 †
- Mapa Topografico de la Republica Argentina: H. D. Hoskold, VI. 494 †
- Physiography and altitudes: L. Brackebusch, II. 285 †
- Plano Topografico de la Region Norte Argentina limitrofe con Bolivia, XVII. 330 †
- Province of Catamarca, IV. 286 †
- of Entre-Rios, II. 96 †
- Railway Maps, XV. 202; (G. E. Church) XI. 105 †; (Buenos Aires and Pacific Railway Co.) XVI. 709 †; XIX. 115 †
- Sixteen maps of Cordillera de los Andes (Argentine Boundary Commission), XIX. 413 †
- Argentino, lake, Patagonia, XIV. 253, 260
- Argobba people and country, Somaliland, XX. 374
- Argyll, Duke of: remarks at Antarctic Conference, X. 377; on Renewal of Antarctic Exploration, III. 29; on scientific advantages of antarctic expedition, XI. 419; Two Glens and the agency of Glaciation, VIII. 415 †
- Arhanga pass, Tirah, XII. 338
- Arica a Tocopilla, Plano de la Region Salitrea desde, XII. 645 †
- Arica-Mollendo, cable interruptions, X. 265
- Arid or Western Subregion of Geography of Mammals, IX. 72
- Regions, Characteristics of Soils: E. W. Hilgard, XIX. 406 †
- Aristagoras, map, VIII. 611
- Aristides' positions in Mysia, IX. 165
- Aristoff, N. A.: Anglo-Indian "Caucasus;" English Collisions with Afghan Frontier Tribes, XVII. 88 †
- Arizona—
- Ausflug nach Tusayan: P. Ehrenreich, XIV. 683 †
- Expedition to Pueblo Ruins near Winslow: W. Fewkes, XIII. 681 †
- Into the Heart of Cataract Cañon: W. A. Brewer, XX. 468 †
- Petrified Forests of: L. F. Ward, XVIII. 642 †
- Repair of Casa Grande Ruin: C. Mindeleff, XI. 97 †
- Report of Governor of, XIII. 324 †; XVII. 92 †
- Wälder und Wüsten von: B. E. Fernow, XI. 97 †; XII. 435 †
- Arka Tagh: *see* Ustun
- Arkansas, Valleys of Solution in: A. H. Purdue, XVII. 662 §; XVIII. 112 †
- river, Composite Genesis of valley: C. R. Keyes, XIX. 235 †

ARMENIA

- Ark-e-leenik river, Canada, XVI. 68
- Arkhangelsk, forests, I. 453
- Arkö, Sweden, borings for fresh water, X. 468
- Arklet, Loch; soundings, XV. 320, 352; temperatures, XV. 334
- Arlt, T.: Ueber den Parallelismus der Küsten von Südamerika, XVIII. 536 §, 554 †
- Armail or Armabel: *see* Las Bela
- Armand (Lozère), Sur l'aven: E. A. Martel et A. Viré, XI. 87 †, 447 †
- Armenia—
- Abflusslosen Seen auf dem Armenischen Hochland: P. Rohrbach, XX. 241 †
- Armenia: F. S. Stevenson, VI. 194 †
- Armenian population of Asia Mi., XI. 428
- Armenian Question: H. Lynch, VII. 440 †; Unbiased View of: W. B. Harris, VII. 112 †
- Armenien, Eine Kulturhistorische Studie: H. Zimmerer, XIX. 768 †
- im Altertum und in der Jetztzeit: W. Belck, XIX. 106 †
- Arméniens indépendants du Taurus: Baron d'Avril, XI. 682 †
- Armenier und Kurden: P. Rohrbach, XV. 664 †
- Batum to Baghdad *via* Tiflis, etc.: W. B. Harris, VIII. 649 †
- Commerce des Arméniens au XVII^e siècle: Artignan, XVIII. 638 †
- Country and People: M. Teheraz, VI. 485 †
- Explorations in: K. Lehmann, XV. 175
- : W. Belck, II. 562 †
- Forschungsreise durch Armenien: W. Belck und C. F. Lehmann, XIV. 113 †
- Lakes of, Changes of Level, X. 93; XIV. 506; R. Sieger's observations, III. 332
- Maps: Armenia and adjacent countries; H. Lynch and F. Oswald, XVIII. 245 †; Armenian Question, map to illustrate: W. and A. K. Johnston, VII. 342 †
- Om de nyasta upptäckterna i Armenien: K. F. Johansson, XVII. 675 †
- Reisebriefe von der Armenischen Expedition: W. Belck und C. F. Lehmann, XV. 296 †; XVI. 579 †
- Répartition de la population arménienne dans l'Arménie turque, etc.: Zélénoi et Sissoév, XI. 194 †, 428
- Round about Armenia, etc.: E. B. Hodgetts, IX. 104 †
- Russian Armenia and Prospects for British Trade: A. V. Markoff, V. 508 †
- Russisch Armenien und der Ararat: M. Friederichsen, XVI. 248 †, 578 †
- Travels and Studies in: H. F. B. Lynch, XVIII. 229 †, 608 §

ARMENIA

Armenia—continued.

- Verbreitung der Armenier in der Asiatischen Türkei nach G. L. Selenay und W. von Seidlitz, VII. 440 †
- Verteilung der Armenischen Bevölkerung in Türkisch-Arménien; etc.: A. Supan, VII. 342 †
- Volcanic Phenomena in: T. McK. Hughes, XI. 450 †
- Zwei türkische Stadtebilder aus der Gegenwart: L. Saad, IX. 238 †
- Armenian Description of Holy Places in the Seventh Century: R. M. Bain, VIII. 651 †
- Armenians in Asiatic Turkey and Transcaucasia, Distribution, VII. 312 §
- of Kurdistan, III. 84
- of the Taurus, XI. 682 †
- , percentage of, in Caucasia, VII. 548
- Armentia, F. N.: Limites de Bolivia con el Perú, X. 651 †
- Armidan Chai, Asia Mi., VIII. 456
- Armitage, A.: award to, XIII. 654; XIV. 103; Meteorological Observations on Franz Josef Land, XI. 130; *Windward's* approach to Franz Josef Land, VI. 506 *
- , C. H., and A. F. Montanaro: Ashanti Campaign of 1900, XVIII. 327 †
- Armstrong, Sir A., obituary, XIV. 217; In a Mule Litter to the Tomb of Confucius, VII. 440 †
- Army Book for British Empire: W. H. Goodenough and J. C. Dalton, IV. 90 †
- Entrance Examinations and Geography, W. Baptiste on, III. 148
- Medical Department, Reports, XI. 689 †; XIII. 571 †; XVI. 259 †
- Arnaud, A., et H. Méray: Les Colonies françaises, XVII. 218 †
- , F.: Muron et ses environs, XI. 564 †
- Arnawai river, Kafirstan, VII. 547; VIII. 409
- Arning, W.: Die Ueche-Hochebene als Ansiedelungsgebiet für Deutsche, XI. 454 †; Die Wahehe, X. 121 †; Die Zukunft von Ueche, XII. 98 †
- Arno, Il bacino dell': E. Oberti, XX. 552 †
- Arnold, A. J.: Map of Barue Country, XVIII. 514*; photographs, XVIII. 464
- , B. W.: History of Tobacco Industry in Virginia, IX. 579 †
- , R.: Vier Karten und Studien zur Wirtschafts-Geographie von Marokko, XIX. 107 †
- , W. T., on Cycling and local Geography, III. 147
- Arnold-Foster, H. O.: London School Atlas, XVII. 101 †
- Arnot, F. S.: Bihe and Garenganze, I. 567 †; III. 502 §; letter on region of

ARYANS

- Okavango, XV. 291; remarks on "Unexplored Regions of Br. C. Africa," I. 120
- Arnous, H. G.: Gewichte, Masse . . . in Korea, VII. 330 †
- Aro Country, Nigeria; W. J. Venour's notes, XX. 88
- Arracan: see Arakan
- Arran Basin, area, temperature, etc., IV. 345
- Arrawa, S. Arabia, XII. 51
- Arrhenius, S.—
- Einfluss des Atmosphärischen Kohlen-säuregehalts, X. 653 †
- Ueber die Ursache der Nordlichter, XVIII. 239 †
- Arrow-poison of Africa, Antidote, X. 639
- Arstal, A.: Redegjörelse en . . . Skotland og England . . . til undervisningen i geografi, IX. 235 †
- Artamonoff, L. K.; obituary notice: A. Tillo, XV. 674 †
- Artaria, A.; death, III. 149; Eisenbahn- und Post-Communications-Karte von Österreich-Ungarn, I. 189 †; III. 258 †; V. 189 †; XI. 209 †; XIII. 222 †; XVII. 328 †; Plan der K. K. Reichshaupt- und Residenzstadt Wien, XVIII. 117 †
- Arteaga, F. de: Practical Spanish, XX. 366 †
- Artemea, Mysia, IX. 257
- Artemidorus, on Sabæans, II. 47
- Artesian Basins, Extra-Australian, Geological Structure: A. G. Maitland, IX. 578 †
- Beds, X. 144
- Water, Leakage of, IX. 113 †; J. P. Thomson, IX. 689 †
- Water-Supply of Australia, from a Geographical Standpoint: W. G. Cox, XIX. 560 *
- Well Prospects in Atlantic Coastal Plain Region: N. H. Darton, XI. 316 †
- Wells in U.S.A., VI. 449; in Queensland, XI. 438
- Artillery Lake, N. Canada, XVI. 70; XX. 341
- Artistic Expedition to North Pole: J. von Payer, V. 106*, 488
- Artois, Deutschland in: E. Seelmann, VIII. 410 †
- Artvin, Sketch of city of: K. Machavariani, XI. 196 †
- Aru Cho, lake, Tibet, I. 388
- Arul village, Asia Mi., VIII. 320
- Arun river, Sussex, XV. 214, 220, 361
- Arundel, Sussex, XV. 370
- Arussi plateau and tribes, Abyssinia, V. 124; VIII. 123; XX. 378
- Aruwimi region, forests, V. 359
- Arva, Jebel, Tripoli, VII. 152
- Aryans—
- Aryens au nord et au sud de l'Hindou-Kouch; C. de Ujfalvy, IX. 236 †

ARYANS

Aryans—continued.

- Ursprung der Arier in geographischen Licht: F. Ratzel, XIX. 409 †
- Arzruni, A.: Reise nach Süd-Kaukasien, VII. 327 †
- Arzu I., Lake Urmi, XIV. 514
- As the Crow Flies: W. P. Dodge, IX. 689 †
- As-afra tower, Sudan, VIII. 341
- Asbýrgi, Iceland, III. 276
- Ascension I.; fauna, VII. 283
- Ascension I.: W. B. Lord, XVIII. 327 †
- Aschaffenburg, Ueber ein typisches Lössprofil bei: G. Klemm, X. 338 †
- Aschersleben, Zur Sprachgrenze um: E. Damkohler, VII. 107 †
- Ascotan, lake, Bolivia, III. 107
- Ascha tribe, E. Africa, VIII. 137
- Asha'bab tribe, Egypt, I. 419
- Ashaka Babo, lake, E. Africa, IV. 299
- Ashanti (*see also* Gold Coast)—
- Ashanti and Jaman, Travels and Life in: R. A. Freeman, XIII. 216 †, 412 §
- and Gold Coast: W. S. Dalgleish, VII. 215 †
- Blue Book on affairs in, VII. 442 †
- Campaign of 1900: C. H. Armitage and A. F. Montanaro, XVIII. 327 †
- Expedition, Botany of, XII. 433 †; W. and A. K. Johnston's map to illustrate, VII. 121 †; Results of: Sir W. Maxwell, IX. 463 †
- Downfall of Prempeh: R. S. S. Baden-Powell, VIII. 190 †; XVI. 367 †
- History of Gold Coast and Ashanti: C. C. Reindorf, VII. 564 †
- List of works on, VI. 568
- Notes on: C. Barter, VIII. 652 †
- Photographs of: M. Fergusson, XIX. 538 †
- Skulls and Crania: F. Shrubbsall, XIII. 560 †
- Ashar Balik Keui, Asia Mi; altitude, IX. 275
- Ashburnham, Capt.: surveys in Buddu and Ankoli, XV. 65
- Ashby, T.: Sul vero sito del lago Regillo, XII. 92 †
- Ashe, R. P.: Chronicles of Uganda, V. 282 †
- Ashel, Sobat region, XVII. 497
- Asher, G. M.: letter on Treelessness of Prairies and Russian Steppes, I. 465
- Ashi Ho, Manchuria, II. 449
- Ashkun people, Kafiristan, IV. 201
- Ashuk village, Asia Mi., VIII. 332
- Ashwanipi, lake, Labrador, V. 530
- Asia—**
- General information, History, etc.—
- A la recherche des Négritos: Lapique, VIII. 530 †
- Ancient Geography of: N. Chandra Das, XIII. 452 †
- Asia: D. J. Sobral, IX. 104 †

ASIA

Asia—continued.

- Asia and Africa, Portuguese Missions, etc.: J. D. Orsey, II. 569 †
- and Australasia: Hon. J. Douglas, XX. 470 †
- and Europe—Asien und Europa nach altägyptischen Denkmälern: W. M. Müller, IX. 114 †; Observations magnétiques . . . en Asie et en Europe: H. Fritsche, XI. 324 †
- Asiatische Reich des Antigonos: U. Köhler, XIII. 557 †
- Asien; Eine allegemeine Landeskunde: W. Sievers, VI. 485 †
- Aus den asiatischen Tropen: G. Radde, IX. 237 †
- Aus den Reiseberichten Seiner Majestät Schiffe, XIII. 677 †
- Changes in the Unchanging East, XI. 683 †
- Colonies d'Asie et dans l'Océan Indien: G. Verschuur, XVII. 98 †
- Colonisation Russe en Asie: E. Blanc, VIII. 649 †
- Cradle of Humanity, The: W. J. McGee, XVIII. 548 †
- Crown Colonies in 1898: G. R. Badenoch, XII. 429 †
- Eastern World, The: C. A. Wood, XX. 242 †
- European Expansion in: F. E. Young-husband, XIX. 651 †
- Far East, The, its History and its Question: A. Krausse, XVII. 320 †
- Geographical Problems, X. 312, 566; XX. 414; Work, II. 489
- Highway of the Nations, etc.: M. Bell, XIV. 678 †
- Histoire de l'Asie, Turcs et Mongols, etc.: L. Cahun, X. 548 †
- India to England *via* C. Asia and Siberia: E. J. Medley, XVIII. 550 †
- Influence of Europe on: M. Townsend, XVII. 547 †
- Influence of Travels of Marco Polo on Jacob Gastaldi's Maps of Asia: Baron A. E. Nordenskiöld, XIII. 396*; Om det inflytande Marco Polos reseberättelse, etc.: Id. XIII. 677 †
- Jaworskis anthropologische Skizze der Turkmenen: L. Stieda, XII. 539 †
- Kandahar Inscription, Geography of: J. Beames, XIII. 89 †
- Luftdruck und die atmosphärische Cirkulation in Asien: A. Woeikof, XVI. 247 †
- Magnetic Surveys and Observations of various places, etc.: H. Fritsche, I. 468 †
- Moghuls of C. Asia, History of: N. Elias and E. D. Ross, XIII. 319 †
- Museums in Russian Dominions, II. 169

ASIA

Asia—continued.

- Nordwest - Amerika und Nordost - Asien : F. Immanuel, XX. 251 †
 Northern and Central. Recent Geological Changes in : G. W. Wright, XVIII. 212 §, 326 †
 Peuplades du nord-est de l'Asie : I. Radlinski, XIII. 214 †
 Phénicie et les Phéniciens : E. Reclus, XVI. 124 †
 Photographs, Quetta to Europe : R. A. E. Benn, XVI. 596
 Portuguese in : F. C. Danvers, VI. 558 §
 Problems of the Far East : Lord Curzon, V. 281 †; VII. 440 †
 Rivers—Areas of basins, XI. 62
 Russia in Asia : Record and Study : A. Krausse, XVII. 321 †; *see also* Russia, Asiatic, etc.
 Russian addenda to K. Ritter's 'Asia,' VI. 554
 Russland in Asien : Krahmer, XIII. 559 †
 ———, Historisch-wirtschaftliche Skizze : M. Meister, XIX. 525 †
 S. E. Coasts, cable interruptions, X. 276
 S. W. Asia, Link Relations of : T. Williams, XVIII. 638 †
 Stanford's Compendium, etc., N. and E. Asia : A. H. Keane, VIII. 92 †; S. and S.W. Asia, VIII. 651 †
 Tarikh-i-Rashidi of Mirza Muhammad Haidar, Dughlát : ed. N. Elias; trs. E. D. Ross, VI. 194 †
 Trade, Future, in the Far East : C. C. Wakefield, VIII. 415 †
 Exploration, XIII. 3; during Reign of Queen Victoria, IX. 597; XVII. 240 *
 Asia and America, My Early Travels in : Sir H. M. Stanley, VI. 103 †
 Explorations en Asie en 1897 : Hulot, XII. 429 †
 From India to Fergana : V. F. Novitski, XX. 122 †
 — Peking to Petersburg : A. Reid, XIII. 453 †
 — Tonkin to India, etc. : Prince H. d'Orléans, XI. 310 †
 Geographischen Forschungen und Reisen : J. M. Jüttner, XIV. 678 †; XVIII. 548 †; XX. 554 †
 Heart of a Continent : F. E. Young-husband, VII. 562 †; VIII. 376 §
 Itinéraires à travers l'Asie : M. Monnier, XIX. 651 †
 Journey across Asia : C. E. Bonin, XVI. 99; XVII. 526
 Journey of William of Rubruck to Eastern Parts of the World : W. W. Rockhill, XVI. 485 †
 Melbourne to Tokio : W. Daish, XVI. 486 †

ASIA, CENTRAL

Asia—continued.

- Pékin à la Mer Noire à travers l'Asie : C. E. Bonin, XIX. 395 †
 Prschevalskij's Forskningsresor i Central-Asien : Sven-Hedin, XI. 194 †
 Russian—Explorations russes en Asie : J. Deniker, XVIII. 548 †; Travaux des Russes dans l'Asie septentrionale : L. Raveneau, XIII. 321 †; Uebersicht der Expeditionen : W. Obrutschew, XI. 310 †
 Scoperte nell' Asia : F. Porena, XVII. 547 †
 Travels in the East of Nicholas II., Emperor of Russia : Prince E. Oukhtomsky, XVI. 575 †
 Vom Mittelmeer zum Persischen Golf; Baron von Oppenheim, XIV. 117 †; XVI. 367 †
 Westward from the Golden Gate : A. R. Cotes, XIX. 105 †
 Maps—
 Asie (Service Geog. de l'Armée), XV. 450 †; XVI. 136 †, 262 †; XVII. 367 †; XVIII. 117 †
 Deltagebiet der Flüsse Ural, Sagis und Emba : A. F. Stahl, XVIII. 246 †
 Gebirgssysteme von Zentral-Asien und China : K. Futterer, IX. 247 †
 Hölzel's Schulwandkarte von Asien : F. Heiderich, XIX. 785 †
 Routes traversed by European and Asiatic Explorers, etc., map, X. 461 †
 Railways—
 All British Railway to China : C. A. Moreing, XIV. 678 †
 Chemins de fer asiatiques : P. Barré, XVII. 547 †
 Eisenbahnen . . . in Klein- und Mittel-Asien : Dr. Kurehloff, XIX. 768 †
 ——— Asiens : F. Umlauf, XI. 682 †
 Russian Railways, XVI. 223; Railway Policy : R. E. C. Long, XV. 190 †
 Asia, Central—
 Blatt aus der Geschichte Mittel-Asiens : P. von Stenin, VIII. 649 †
 Collection of Antiquities from : A. R. Hoernle, XV. 79 †
 Der Peschan als Typus der Felsenwüste : K. Futterer, XX. 554 †
 Etymology of a few towns of : J. J. Modi, XVI. 485 †
 Geographische Skizze von Centralasien : W. Obrutschew, VI. 485 †
 Grandes voies commerciales de l'Asie centrale : C. E. Bonin, XI. 567 †
 Heart of Asia, The : F. H. Skrine and E. D. Ross, XIV. 336 †, 560 §
 Irrigation in : H. Moser, III. 437 †

† Bibliographical entry.

§ Review or analysis.

ASIA, CENTRAL

Asia, Central—continued.

Lettres de l'Asie centrale: P. Gourdet, XVII. 551 †

Note sur les anciennes Chrétientés nestoriennes: C. E. Bonin, XVI. 575 †

Ornament of the Tajiks of Darwaz: Count A. Bobrinsky, XVIII. 454 †

Peuples retrouvés de l'Asie centrale: G. Saint-Yves, XV. 548 †, 663 †

Photographs, Mongolia and Russian C. Asia: I. Morse, XVI. 380

Russian Hosts and English Guests in: J. T. W. Perowne, XIII. 214 †

Siberia and C. Asia: J. W. Bookwalter, XV. 437 †

Voies commerciales de l'Asie centrale: C. E. Bonin, XI. 683 †

Exploration—

Der Weg von Osh nach Kaschgar: H. Toepfer, XVIII. 635 †

Expeditions anglaises en Asie: Septans, X. 119 †

Premiers voyages des Européens dans l'Asie centrale: E. F. Berlioux, XII. 429 †

Sven Hedin and Dutreuil de Rhins in: Sir T. H. Holdich, XIII. 159 §

Transalaï et Pamirs: G. Saint-Yves, XVIII. 108 †

Voyage d'Anthony Jenkinson dans l'Asie centrale: H. Conrad, XIII. 98 †

Bonin, C. E., XVI. 99; Voyage de Pékin au Turkestan russe, XVII. 526 §, 673 †

Chaffanjon, J.: A travers le Turkestan russe, la Mongolie, etc., XI. 682 †; Mission scientifique dans l'Asie centrale et la Sibérie, Rapport, XV. 79 †

Cobbold, R. P., XIII. 65, 446; Innermost Asia, XV. 435 †

Deasy, H. H. P., XIII. 296, 635; XI. 544, 665; XII. 311; XIII. 65, 656; XVI. 141 *, 501 †; Journeys in C. Asia, XVII. 208 †; Roof of the World, XVII. 673 †; Tibet and Chinese Turkestan, XVII. 673 †; Voyages en Asie centrale de H. Deasy, XVIII. 229 †

Deken, C. de: Journey across C. Asia, II. 472 †

Demidoff, E.: After Wild Sheep in the Altai and Mongolia, XVI. 696 †

Dunmore, Earl of: Journeyings in Pamirs and C. Asia, II. 385 †; The Pamirs, III. 115 §

Dutreuil de Rhins, J. L.: III. 57; VI. 279; final results, XIV. 442; Forschungsreisen von, IX. 104 †; letter from F. Grenard, XIV. 328; Mission Dutreuil de Rhins et Grenard dans l'Asie centrale: F. Ottramare, XI. 90 †; Mission . . . dans la Haute-Asie: Dutreuil de

ASIA, CENTRAL

Asia, Central—continued.

Rhins et F. Grenard, VII. 329 †; Mission scientifique dans la Haute Asie: J. L. Dutreuil de Rhins, XI. 450 †; XIII. 159 §, 573 †; XIV. 225 †, 442 §

Filchner, W.: Ritt über den Pamir und durch Ostturkestan, XVIII. 635 †

Futterer, K., XII. 520; XIII. 430; Allgemeinen geologischen . . . in Zentral-Asien und China, IX. 236 †; Die Allgemeinen Wissenschaftlichen Ergebnisse einer Forschungsreise durch C. Asien: K. Futterer, XVIII. 105 †; Durch Asien, XVII. 547 §; XVIII. 525 †; Futterer's Reise durch Asien: M. Friederichsen, XVII. 673 †; Reise durch Central-Asien und China: K. Futterer und Holderer, XIV. 114 †

Grenard: see Dutreuil de Rhins
Grum Grjmailo, G. E. and M. E., VII. 656

Hedin, S., IV. 174; 457; V. 154 *, 271; VI. 78; VII. 195; VIII. 635; X. 92, 209; XIV. 90; XV. 643; XVI. 472; XVII. 181 †; XVIII. 212, 288; XIX. 85; XX. 7; Durch Asiens Wüsten: H. Brunner, XV. 550 †; Durch Asiens Wüsten: Sven Hedin, XIV. 225 †; En färd genom Asien, XII. 429 †; Four Years' travel in C. Asia, XI. 240 *, 937 †; Genom Centralasia, XIII. 319 †; Geographisch-wissenschaftlichen Ergebnisse meiner Reisen in Zentralasien, XVI. 696 †; Reiseberichte von Sven Hedin aus Central-Asien, XVIII. 105 †; Scientific Results, 1894-1897 . . . XVII. 188; (proposal for publication), XX. 536; Sven Hedin's Rückkehr von seiner Forschungsreise: R. Palleske, X. 339 †; Takla-Makan Desert, Sven Hedin's Journey across: V. A. Obrucheff, XI. 310 †; Through Asia: Sven Hedin, XII. 539 †; XIII. 159 §; Ueber die letzte Reise von Sven Hedin, XX. 242 †; Uebersicht meiner Reisen in Zentralasien, 1899-1902, XX. 307 §, 368 †, 554 †

Klementz and Golovin, XIII. 658
Kozlov, F. K.: XVIII. 212, 441, 532; XIX. 85; Reise Kozlov's in Central-Asien, XVIII. 105 †; Nachrichten von der Expedition: Krahmer, XIX. 768 †; Tibet expedition, XIX. 576 *

Lansdell, A.: Ride to Little Tibet, III. 70 †, 119 §

Lapparent, A. de: Dans les sables de l'Asie Centrale, XI. 310 †

Lipsky, V. J.: Upper Bokhara,

ASIA, CENTRAL

Asia, Central—*continued*.

- Results of Three Years' travels in, XX. 354 †
 Littledale, St. G., II. 458, 549; III. 445 †; V. 77, 272
 Massieu, Mme., VI. 281 §
 Obrucheff, V. A., V. 489; C. Asia, N. China and Nan Shan, Report of Expeditions, etc., XVI. 121 †; XVIII. 229 †
 Olufsen, O., VI. 472; XI. 179; Den anden danske Pamir-Expedition: O. Olufsen, XVII. 210 †
 Pevtsov and Bogdanovitch, II. 55
 Roborovski and Kozloff, IV. 173; V. 489; VIII. 161 †; XIII. 432, 658; XV. 56; Asie centrale, l'exploration Roborovski, X. 648 †; Expedition der Kaiserl. russischen Geogr. Gesellschaft nach Mittelasien: Krahmer, IV. 85 †; V. 280 †; VII. 677 †; Résultats . . . du voyage de Roborovsky et Kozlov: J. Deniker, XVI. 247 †; To Central Asia, 1893-95: V. L. Roborovsky, XII. 95 †, 323 †
 Russian Expeditions, 1894, V. 489
 Saint-Yves, G.: Turkestan chinois et Pamirs, XV. 533, 548 †; Dans le Tian Chan russe, XVI. 123 †
 Wellby, VIII. 635
 Younghusband, F. E.: The Heart of a Continent, Travels in Manchuria . . . and Chitral, VII. 562 †; VIII. 376 §
Maps—
 Carte de l'Asie centrale, et carte ethnographique et politique de l'Asie centrale: F. Grenard, XIV. 238 †
 Karte des Tarim-Beckens und Kwenlun-Gebirgssysteme: S. Hedin, XVII. 220 †
 Mission scientifique dans la Haute Asie, Atlas des Cartes: F. Grenard, XIII. 573 †
 Wyld's Military Staff Map of C. Asia and Afghanistan, V. 610 †
Physiography, Biology, Climate—
 Fauna, flora (C. Asia), VIII. 168, 171
 Grundlinien Anatoliens und Centralasiens: E. Naumann, VII. 329 †
 Klima Centralasiens: A. Woeikof, VII. 677 †
 Lakes, A. Woeikof on Periodic Fluctuations in Level of, XVIII. 531
 Meteorologische Beobachtungen in Lukschun, Zentralasien: M. Friederichsen, XIV. 581 †; Observations météorologiques faites dans la dépression au centre du continent asiatique, XIII. 431 §, 453 †
 Mountain Systems: E. D. Morgan, IV. 187 †
 Orography of C. Asia, etc.: V. A. Obrucheff, VII. 440 †

ASIA, EAST

Asia, Central—*continued*.

- River-basins, areas, XI. 62
 Vegetation and Variation of Temperatures of High Passes, II. 399
 Verwitterungs- und Deflationsprocesse in Central-Asien: B. W. Obrutschew, VII. 562 †
 Zur Flora von Central-Asien: J. Palacký, XIII. 676 †
Political Geography—
 British, Russian, and Afghan Boundaries on the Pamirs: F. Immanuel, III. 437 †
 État actuel des rapports anglo-russes dans l'Asie centrale: G. Saint-Yves, XVIII. 548 †
 Nouvelle frontière Anglo-russe en Asie centrale: E. Blanc, VIII. 415 †
 Rival Powers in C. Asia: J. Popowski, III. 530 †
 Russian Colonization in: E. Blanc, III. 531 †; IV. 376 †; VIII. 649 †; trade with, III. 236
 Tanguto-Tibetan Borderland of China and C. Mongolia: G. N. Potanin, III. 345 †
 Railways, XVIII. 618; Chemin de fer dans l'Asie centrale: P. Gourdet, XV. 192 †; Eisenbahnenwesen in Centralasien und seine Bedeutung, XV. 296 †
Asia, East (see also East, The)—
 Allemagne en Extrême-Orient: A. Brisse, XIX. 396 †
 Awakening of the East: P. Leroy-Beaulieu, XVII. 549 †; XVIII. 165 §
 Brief History of: J. C. Hannah, XV. 549 †
 Dreißig Jahre in Ost-Asien: M. von Brandt, XVII. 208 †; XIX. 231 †
 Européens dans l'Asie orientale: E. Guillot, XIX. 230 †
 Far East, its History, etc.: A. Krause, XVII. 320 †
 Geographischen Errungenschaften . . . in Ost-Asien: Müller-Beeck, XI. 310 †
 Im Osten Asiens: O. E. Ehlers, IX. 459 †
 No oriente; De Napoles à China: A. Loureiro, XI. 683 †
 Russia's Progress in: C. Schultz, XVII. 87 †
 Russische Arbeiten über Ostasien: W. Barthold, XVI. 486 †; XVII. 208 †
 T'oung pao . . . l'Histoire, etc., de l'Asie orientale: G. Schlegel et H. Cordier, V. 605 †
 Wirthschaftsverhältnisse Ostasiens: A. Wiesenburg, XIV. 114 †
Climate—
 Atmosphère en Extrême-Orient pendant les six mois froids: P. A.

ASIA, EAST

Asia, East—*continued*.

Froc, XIX. 653 †; Cyclones aux Philippines et dans les mers de Chine: J. Algué, XVI. 486 †; Das Klima Ost-Asiens: W. Krebs, VII. 329 †; Luftdruckverhältnisse, und die Windbewegungen im Fernen Osten: P. Bergholz, XVIII. 636 †; Ueber Bildungsstätten . . . der Orkane des Fernen Ostens: P. Bergholz, XVI. 122 †

Exploration—

K. Futterer, XIII. 430; E. Asiatic waters, G. Schott's voyages (map), III. 260 †; Russian Oceanographic Work, I. 554; Széchenyi, Reise des Grafen, XII. 95 †; XIV. 114 †; (Scientific results), III. 159 †; (Riechthofen on), III. 311 *

Physiography—

Baron von Riechthofen—Geomorphologische Studien aus Ostasien, XX. 555 †; on Stepped faults, XVII. 658; on Structure and Divisions of, XIX. 214; Ueber Gestalt und Gliederung einer Grundlinien der Morphologie Ost-Asiens, XVII. 320 †; XVIII. 455 †

Asia Minor (see also Anatolia, Turkey in Asia)—

Arméniens indépendants du Taurus: Baron A. d'Avril, XI. 682 †

Asie Mineure au point de vue de l'émigration allemande: E. Oehlmann, XIV. 579 †

Beiträge zur Erforschung Klein-Asiens: G. Maereker und Schäffer, XV. 664 †

Deutsche Kulturmission in Kleinasien: L. H. Grothe, XV. 193 †

Deutsch Forschung in Kleinasien: H. Zimmerer, XI. 566 †

Handbook for Travellers; ed. Sir C. Wilson, VI. 485 †

Kleinasien's Naturschätze: K. Kannenberg, XI. 90 †

Kohlenhafen von Zonguldak: W. Schmaltz, XI. 194 †

Neue Forschungen im nordwestlichen Kleinasien: W. von Diest und Anton, VII. 327 †

Photographs: Munro, Anderson and Anthony, VII. 344; N.W. Asia Minor: E. J. Mardon, XVIII. 350

Sur les routes d'Asie: G. Deschamps, IV. 85 †

Unexplored Areas, II. 489

Wald und Waldwirtschaft im Nördlichen Anatolien: V. Schleiff, XX. 556 †

Exploration—

Asia Minor re-discovered, X. 339 †

Aus Kleinasien: K. Escherich, XIV. 226 †

— Lydien: K. Buresch, XI. 682 †

ASIA MINOR

Asia Minor—*continued*.

Chantres Reisen im Antitaurus und in Cilicia, XIV. 226 †

En Cappadoce: A. Boissier, XI. 194 †

— Phrygie: G. Radet, VII. 329 †

Forschungreise des Abbé Le Camus nach Kleinasien: E. Goebeler, VIII. 308 †

German Explorations, XIII. 531; H. Zimmerer on, IX. 649

Leonhard, R.: explorations, XV. 175; XX. 652

Mission scientifique, Rapport: E. Chantre, XI. 194 †

Naumann, E.: Goldnen Horn zu den Quellen des Euphrat, III. 437 †

Reisen in Anatolien, VII. 329 †

Oberhummer, E., IX. 322; Reise in Syrien und Kleinasien, XI. 296 §, 310 †, 566 †

Philippson in W. Asia Mi., XIX. 751

Reise im nordwestlichen Kleinasien: W. Judeich, XIII. 214 †

Reise in Kleinasien, 1895: F. Sarre, IX. 337 †

Schaffer, XVI. 556; XVII. 190; XX. 651

Souvenirs de quelques années en Asie Mi.: W. Martin, IX. 680 †

Steinkaskaden von Hierapolis, Reise nach den: F. von Vincenz, XVII. 90 †

Through the Cilician Gates to Tarsus: Mrs. W. M. Ramsay, XI. 566 †

History—

Al-Abrik Tephriké, capital of the Paulicians: G. le Strange, VIII. 649 †

Archæologische Untersuchungen in Westlichen Kleinasien: E. Fabricius, V. 180 †

Geographical Conditions determining History and Religion: W. H. Ramsey, XX. 257 *

Herodotus' Royal Road, VIII. 621, 629

Jüdische Ackerbaukolonien in Anatolien: O. Warburg, XX. 556 †

Karian Sites and Inscriptions: W. Paton and J. L. Myres, IX. 104 †

Kleinasien und der Westen im Altertum: A. Körte, XX. 242 †

Modern and Ancient Roads in E. Asia Mi.: D. G. Hogarth and J. A. R. Munro, III. 159 †

Ramsay, W. M.: note, VII. 190

Survivals among Kappadokian Kizilbash: J. W. Crowfoot, XVIII. 326 †, 440 §

Three Karian Sites: W. Paton, J. L. Myres, and E. L. Hicks, IX. 104 †

Ueber den troischen Ida, die Skamander-Quelle, etc.: R. Virchow, I. 468 †

ASIA MINOR

Asia Minor—continued.

Maps—

Archäologische Karte: W. Ruge and E. Friedrich, XIV. 348 †; Empire Ottoman, Division administrative: R. Huber, XVI. 708 †; Handels- und Produkten-Karte: E. Friedrich, XIII. 222 †; Itinerar-Aufnahmen im nordwestlichen Kleinasien: Diest und Anton, VII. 226 †; Kleinasien: R. Kiepert, XIX. 245 †, 411 †, 786 †; XX. 566 †; Nordwestlichen Kleinasien: W. von Diest, XIX. 114 †; XX. 566 †; Routen - Aufnahmen: R. Oberhammer, XI. 326 †; Wichtigsten Nachbargebiete der anatolischen Eisenbahn-Linien: W. von Diest, XII. 443 †

Physical Geography—

Ergebnisse der Höhenmessungen A. Philippson's in der Umgebung von Pergamon: W. Brennecke, XVIII. 550 †

Geologische Studien im südöstlichen Kleinasien: F. Schaffer, XIX. 654 †; XX. 667 †; Geologischen Untersuchungen (südwestl. Kleinasien): G. Bukowski, I. 375 †

Geotektonik des südöstlichen Anatolien: F. Schaffer, XVIII. 440 §, 550 †

Hierapolis et sa cascade pétrifiée: P. Joanne, IX. 337 †

Höhenlandschaften Kappadoziens, XIX. 770 †; XX. 124 †

Railways—

Chemin de fer de Smyrne à Cassaba: J. Bastelica, XI. 194 †; Chemin de fer projeté entre la Méditerranée et le Golfe persique: E. Morel, XIV. 113 †; Die Eisenbahnen Kleinasien, VI. 96 †

Asia, North (see also Arctic, and Russia, Asiatic)—

Dritte Asiatische Forschungsreise des Grafen E. Zichy, XIX. 652 †; Nansen's discoveries, N. coast, IX. 474; N. Asia and its Geological Formations: P. A. Bielski, XX. 353 †

Asia, West—

Beiträge zur alten Geographie und Geschichte Vorderasiens: W. Belck, XIX. 770 †; XX. 124 †

Damaskus nach Bardad, Reise von: M. von Oppenheim, VIII. 92 †

Divisione amministrativa dell' Impero dei Seleucidi: A. Corvatta, XIX. 232 †

E. Turkey in Asia and Armenia: F. R. Maunsell, VIII. 92 †

Eisenbahnen im westlichen Vorderasien: D. M. Schlagintweit, XX. 556 †

Nearer East, The: D. G. Hogarth, XX. 641 §

ASSAM

Asia, West—continued.

Protohistoric Ethnography of W. Asia: D. G. Brinton, VI. 206 †

Recherches anthropologiques: E. Chantre, VIII. 92 †

Ride through W. Asia: C. Biggam, X. 288 †

Russische Arbeiten über Westasien: W. Barthold, XVI. 579 †; XVII. 321 †

W. Asia according to most recent discoveries: C. P. Tiele, IV. 577 †

Asiatic Society of Bengal, Annual Address: Sir C. A. Elliott, IV. 187 †

of Japan, Index to Transactions, VI. 396 †

Asilli tribe, Abyssinia, XVI. 297

Askura oasis, Atlas mts., V. 324

Asmusen, P.: Die Entdeckung der Nilquellen, IV. 189 †

Aspe-Fleurimont, M.: Congo français, XIX. 399 †; De la création . . . des grands marchés de denrées et de matières premières, XVII. 564 †; La question des chemins de fer dans l'Afrique occidentale, XVIII. 111 †

Asphalt-Quellen am See von Maracaibo: Baron H. Eggers, IX. 343 †

Asphaltum (Philadelphia Museum), XVI. 591 †

Asplazu, A.: Conferencias y escritos científicos, XI. 205 †; obituary of, X. 642

Aspropotamos, river, Greece III. 26

Assa depression, C. Asia; level, VII. 657

Assam—

Assam Administration, reports, VII. 677 †; IX. 575 †; XII. 431 †; XV. 80 †; XVI. 123 †; XVIII. 455 †

Crop experiments: F. J. Monahan, XI. 195 †

Cultivated Plants, List, XX. 466 †

Earthquake in: H. Luttman Johnson, XII. 96 †

Forest Administration: A. L. Home, XII. 431 †; XIII. 558 †; F. G. Chester, XVII. 87 †; J. A. McKee, XVIII. 636 †

Lac Industry of, Note: B. C. Basu, XVI. 365 †

Land Records and Agriculture, Annual Report: F. J. Monahan, XII. 431 †

Mikir Hills in Assam, Geology: F. H. Smith, XIV. 458 †

Plantains in Assam Valley, Cultivation, XX. 123 †

Railways, connection with Burmese, VII. 202

Sanitary Report: A. Stephen, X. 648 †; C. W. Carr-Calthorp, XVII. 446 †

Staple Crops of Khasi and Jaintia Hills, XII. 628 †

Tea Culture, VI. 474; X. 648 †; XVIII. 324 †, 455 †

Trade — with adjoining Foreign Countries, Report: L. J. Kershaw, XIV. 458 †; Rail and River-borne, XVI. 365 †; XVII. 446 †; XVIII.

ASSAM

Assam—continued.

- 230 †; River-borne, X. 228 †; Report: F. J. Monahan, XI. 683 †
- Travel—E. Gray: Assam to Sources of Irawadi, III. 221 †; Prince Henry of Orleans, VII. 199; Tonkin by Talifu to Assam, VIII. 566 †; Thackeray, E. T.: Assam to Kashmir, Sport and Travel, II. 379 †
- Assan, B. G.: Călătorie în regiunile Polare nordice, XI. 204 †
- Assar Keui, Asia Mi., altitude, IX. 275
- Assarlar village, Asia Mi., ruins and inscriptions, IX. 271
- Assérac, Monographie de la commune d': Chiron, XI. 680 †
- Assiniboine, mt., First Ascent of: J. Outram, XX. 358 †; Our Dash for: Id., XX. 358 †
- river and its forts: G. Bryce, III. 253 †
- Assmann, R.: Ergebnisse der Gewitter-Beobachtungen, 1891, VII. 108 †; Existenz eines wärmeren Luftstromes in der Höhe von 10 bis 15 km., XX. 563 †
- und A. Berson: Ergebnisse der Arbeiten am aéronautischen Observatorium, XX. 674 †
- Assyut, Oases of the Mudirich of: A. R. Guest, XVI. 655 *
- Astrabad, Persia, X. 570
- Astrakhan, population, IX. 658; X. 199; Klima Astrachans nach F. Schperk: A. Woeikof, XI. 88 †
- Astral Gravitation, Essays in illustration of Action: W. L. Jordan, XVI. 706 †
- Astrie, M.: Voyage to Kagnabak I., Bissagos Archip., VII. 652 †
- Astrolabe; On an Arabian Astrolabe of the 13th Century, etc.: H. Sauvaire and J. de Rey-Pailhade, II. 282 †; From Astrolabe to Quadrant, XII. 439 †
- Astroni, Italy; cone and crater, X. 425; Astroni-Cigliano ridge, X. 427
- Astronomy—
- Astronomical Observations, Discussion on: F. Kuhnert and A. Nahlik, I. 570 †
- Astronomie und Geophysik, Jahrbuch: H. J. Klein: † II. 92; IV. 382; VI. 101; VII. 448; XI. 103; XII. 217; XIV. 234; XVIII. 240; XX. 252
- Astronomy for Everyday Readers: B. J. Hopkins, I. 471 †
- in relation to Geography, II. 502; T. Weir on, IV. 285 †
- Atlas of Astronomy: Sir R. Ball, I. 95 †
- Connaissance des Temps ou des Mouvements célestes, pour le méridien de Paris, XX. 562 †
- Declination und Eigenbewegungen der Sterne für den Internationalen Breiten dienst: F. Cohn, XVI. 587 †
- Degree Measurement Bureau, astronomical work: E. Weiss and R. Schraumm, IV. 374 †

ATEARA

Astronomy—continued.

- How to calculate the lagna: H. Jacobi, XVI. 703 †
- Korrespondirende Höhen: E. Wendt, XX. 362 †
- Nautical Almanac (*see also s.v.*), Appendix to, XVIII. 238; Tables used, X. 232 †
- Astronomy: J. F. Ruthven, XII. 329 †; Beiträge zur nautischen Astronomie: A. Marcuse, XI. 687 †; Mittheilungen über neue nautisch-astronomisch Tafeln: A. Marcuse, XII. 545 †; Simplification of formulæ in: H. B. Goodwin, XIV. 586; Umgestaltung der nautischen Astronomie, X. 460 †
- Oculations, etc., Adaptation of Major Grant's Graphical Method of predicting: A. C. D. Crommelin, XX. 362 †; Method of predicting by Graphical Construction: F. C. Penrose, XIX. 779 †
- Planétaire, Un nouveau: G. Guyou XX. 362 †
- Radeliffe Observatory, Oxford, astronomical and meteorological observations, VIII. 414 †
- School Orrery: G. P. Reclus-Guyou, XVII. 456 †
- Stars of the Equinox 1835, O. Taylor's General Catalogue, ed. A. M. W. Downing, XVIII., 340 †
- Sun, Tables of Corrected Azimuths of, XIX. 110 †
- U.S. Naval Observatory, Publications, XVIII. 340 †
- Astrup, E.: Biography; Y. Nielsen, VII. 449 †; H. Wellhaven, IX. 468 †; Blandt Nordpolens Naboer, VIII. 194 †; IX. 466; death of, VII. 209; Det arktiske problem og de to Peary-expeditioner, VII. 117 †; Journey round Melville Bay, V. 345 †; Peary's Grønlands-ekspedition, 1891–92, II. 566 †; Murchison Grant awarded to, VI. 93; With Peary near the Pole, XII. 102 †
- Asturias, Spain, Devonian Iron Ores: J. A. Jones, XVI. 245 †
- Astyn-tagh: *see* Altyn Tagh
- Asymmetry of N. Hemisphere, Suess on, XIII. 308; of river-deltas, R. A. Daly on, XVIII. 219
- At the Back of Beyond: L. Lorimer, XIII. 674 †
- Atabubu, Report on Mission to: G. E. Fergusson, IV. 189 †
- Atacama, XVIII. 583; Erzlagerstätten der Atacamawüste: O. Nordenskjöld, XII. 436 †; XIV. 684 †; Géographie der Puna de Atacama: L. Darapsky, XV. 440 †, 538 §; Puna de Atacama: J. Gregor, XVII. 213 †
- Atakpame, Bericht . . . meiner Reise nach: R. Plehn, IX. 239 †
- Athara, Patrol on the: G. E. Benson,

ATELCHU

XIII. 561 †; Photographs: H. W. Seton-Karr, XVIII. 120
Atelchu river, S. America; H. Meyer's expedition to, XII. 193

Athabasca, district—

Athabaskan Languages, Bibliography of: J. C. Pilling, I. 568 †; Journal d'un Voyage dans le district Athabaska: E. Grouard, IX. 106 †; On a portion of district of: R. G. McConnell, III. 253 †

—lake, IV. 439; Report on Country between Athabasca Lake and Churchill River: J. B. Tyrrell and D. B. Dowling, X. 121 †

—pass, V. 58

—river, XIII. 350; XVII. 532;
At Western Sources of: J. Habel, XX. 358 †; Mt. Brown and Sources of: A. P. Coleman, V. 53 *

Athens—Athènes: H. Hautteccœur, XI. 565 †

Atherstone, W. G. L.: Kimberley and its Diamonds, VIII. 93 †

Athi plains, E. Africa: *see* Kapte

—river, VII. 406, 410; valley, IV. 118, 505

Athos, Mt., Turkey: K. Dühmig, I. 181 †

Atish, Jebel, IX. 531

Atkins, Hon. J. A.: Indian Wars and Uprising of 1655, I. 377 †

Atkinson, A. T.: Early Voyagers of Pacific Ocean, III. 75 †

—, E.: British Manufactures and Policy of Unfettered Commerce, XVIII. 460 †; Dominion of Iron and Coal, XVIII. 342 †; Food and Land Tenure, XX. 247 †; Race Problem, its possible solution, XX. 248 †; Wheat-growing capacity of U.S., XIII. 681 †

—, F. J.: Statistical Review of income and wealth of Br. India, XX. 466 †

Atlantic Ocean (*see also* Oceanography)—

Admiralty surveys, XII. 71; bed, relief map, exhibited at Columbian Exposition, III. 132; cable fractures, X. 261; current charts, X. 100 §, 128; depth, IV. 257; explorations, early Portuguese, IX. 200; icebergs and climate of Europe, H. Habenicht on, I. 172; pilot charts, VIII. 96, 316, 428; rainfall type; 11, 369; river-basins, areas, XI. 61; XII. 183; soundings, XV. 521; (by cable-laying ships), VI. 477; temperatures, XIV. 38, 40, 44; (surface), XII. 123; trawls and bottom dredges, XII. 456; warm axis, VII. 264

Atlantic in 1892, and Climate of Gironde: A. Hautreux, II. 189 †

Atlantiska Oceaners inflytande, etc.: O. Pettersson, XII. 329 †

Coast, Beaches and Tidal Marshes of: N. S. Shaler, XI. 201 †

ATLANTIC OCEAN, NORTH

Atlantic Ocean—*continued*.

Coast Tides: M. S. W. Jefferson, XIII. 566 †

Density, etc.; of Atlantic and Mediterranean: J. Y. Buchanan, II. 374, 567 †; Sur la densité et l'alcalinité des eaux de l'Atlantique et de la Méditerranée, V. 398 †

Estuarine Tides: M. S. W. Jefferson, XIII. 94 †

Geographical distribution of Atlantic Copepoda: P. T. Cleve, XVIII. 240 †

Geophysical Observations and Account of Plankton Expedition: O. Krümmel, II. 567 †

Oceanographical Research in: H. R. Mill, XIX. 354 *

Om Atlantiska oceanens inflytande på vårt vinter klimat: O. Pettersson, XIII. 328 †

Pilot charts, Atlantic and Mediterranean (Met. Office, London): *see* Atlantic, North

Répartition de la Pression atmosphérique sur l'Océan Atlantique, etc.: G. Rung, IV. 584 †

Sailing Directory for S. Atlantic Ocean: W. R. Kettle, XIII. 331 †

Sturmtabellen für den Atlantischen Ozean: E. Knipping, XIX. 111 †

Unerforschte Bank im Südatlantischen Ozean: L. Dinklage, XIII. 569 †

Variations annuelles de l'eau de surface de l'Océan atlantique: P. T. Cleve, G. Ekman and O. Pettersson, XIX. 533 †

Wetter zwischen dem La Plata und Kap Horn: E. Knipping, X. 341 †

Atlantic Ocean, North—

Atlantique Nord; vents, etc.: A. Hautreux, X. 654 †

Bottle-Voyage, VII. 102; Steamship Routes, XIII. 204; Swedish proposal for International Research, XI. 609

Charts—Early Chart: M. Christy, XI. 459 †; Nordatlantischer Ozean, XV. 306 †; Pilot Charts (U.S. Hydrographic Office), † I. 95, 191, 288, 576; II. 288, 576; III. 80, 168, 444; IV. 192, 288, 584; V. 192, 288, 512; VI. 108, 204, 300; VII. 124, 452; VIII. 96, 316, 428; IX. 120, 352, 472, 588, 692; X. 128, 464, 563; XI. 212, 331, 580; XII. 111, 336, 444, 645; XIII. 224, 336, 576; XIV. 128, 239, 469; XV. 95, 203, 308, 451, 562, 679; XVI. 139, 500, 595, 712; XVII. 103, 223, 332, 460, 571; XVIII. 247, 350, 463, 560; XIX. 119, 248, 416, 538, 668; XX. 136, 255, 371, 476, 570, 680; Pilot Charts (Met. Office, London), XVII. 438 §; † 459, 570, 687, 438; XVIII. 120, 247, 350, 560, 654; XIX. 119, 248, 416, 538, 667, 787; XX. 136, 255, 371, 476, 570, 680;

† Bibliographical entry.

§ Review or analysis.

ATLANTIC OCEAN, NORTH

Atlantic Ocean, North—*continued*.

- Weather in the Winter of 1898-99 (Met. Office, London), XVII. 570 +
 Circulation of Surface Waters of: H. N. Dickson, XVI. 589 +; XVII. 564 +; XIX. 354 §
 Currents and current-floats, XII. 446;
 Courants . . . dans l'Atlantique nord: A. Hautreux, VII. 221 +, 568 +
 Directory: A. G. Findlay, V. 188 +
 De Terre-neuve à la côte des Landes (bottle-drift): A. Hautreux, X. 342 +
 Eastern margin of N. Atlantic Basin: W. H. Hudleston, XIII. 686 +; XIV. 327; J. W. Spencer, XV. 199 +
 Etude d'échantillons d'eaux et de fonds provenant de l'Atlantique Nord: J. Thoulet, XX. 364 +
 Hydrographic research in, V. 581
 Hydrographischen Untersuchungen des Nordatlantischen Ozeans: O. Pettersson, XVI. 258 +
 ———— Verhältnisse . . . des nördlichen Nordmeeres: O. Pettersson and G. Ekman, XII. 217 +
 Influence of Surface Waters on Winter Climate of N. Europe: O. Pettersson, XI. 611 *
 S.S. *National*: researches of, III. 302
 Oberflächenströmungen des nord-atlantischen Ozeans auf Grund der Triftphänomene: G. Antze, XIX. 111 +
 Observations météorologiques-nautiques, XIII. 569 +
 Oceanography of: Prince Albert of Monaco, XII. 445 *
 Physical surveys under H. N. Dickson and O. Pettersson, XI. 185
 Results of deep sea sounding expedition, 1899: R. E. Peake, with notes on temperature observations by Sir J. Murray, XIX. 781 +
 Sondages effectués par la "Drôme" dans l'Atlantique Nord: V. Poncelet et Schwerer, IX. 467 +
 Steamship routes, XIII. 204
 Temperature and Density of Sea Water between Atlantic and North Sea: H. N. Dickson, II. 375; Temperature and Salinity: Id., XII. 379; Surface Temperature, IV. 70
 Wasserzirkulation im Nordatlantischen Ozean: O. Pettersson, XVI. 257 +
 Atlantic Ferry, Louisburg and Milford Haven, XIX. 239 +
 Atlántida, La: L. E. Buelna, XIII. 461 +
 Atlantis, Story of: W. Scott-Elliott, IX. 688 +
 Atlas mts., V. 320; "Vorland" Region of, XVII. 530; *see* Morocco

Atlases—

- Value of Historical, IX. 428; Atlas à échelle uniforme proposé: G. Guyon et E. Reclus, X. 459 +; Le premier Atlas national et la Menippée de Tours: L. Drapeyron, V. 403 +

ATLASES

Atlases—*continued*.

English—

- Bacon, G. W.: *Exceelsior Atlas of Africa*, VIII. 656 +
 Bartholomew, J. G.: *Atlas for S. African Schools*, XIII. 224 +; XX. 254 +; *Citizen's Atlas*, + XII. 111, 223, 334, 444, 550, 645; XIII. 103; *Handy Reference Atlas of the World*, VIII. 540 +; *International Students' Atlas of Modern Geography*, XIX. 665 +; *Physical Atlas*, vol. III.; *Atlas of Meteorology*, XIV. 590 +, 649 §
 Cassell's *Universal Atlas*, I. 96, 191, 287, 478
 Church Atlases: *Church Missionary*, Eighth Edition, VIII. 76 +, 196 +; *Foreign Mission Atlas*: G. Smith, XIX. 415 +; *Historical Church Atlas*: E. McClure, XI. 110 +
 Commercial Library Atlas, I. 192 +
 India, *Statistical Atlas*, VIII. 427 +
 Johnston, W. A. and K.: *Commercial and Library Chart*, XI. 327 +; *Our Empire Atlas*, X. 235; *Royal Atlas of Modern Geography*, + I. 191, 287, 478; II. 192, 286, 384, 480; III. 260; XI. 327; XVI. 498; *Victoria Regina Atlas*, IX. 351 +; XIX. 116 +; *World-Wide Atlas of Modern Geography*, + V. 96; VIII. 200; XIII. 224; XVII. 101
 London School Atlas: H. O. Arnold-Foster, XVII. 101 +
 Philip, G.: *Handy Volume Atlas of the World*: E. G. Ravenstein, VI. 299 +; XVII. 101 +; *London School Board Atlas*, XVI. 710 +; *Handy General Atlas of the World*, IX. 472 +; *Systematic Atlas*: E. G. Ravenstein, III. 355 +; VI. 298 +
 Poole, R. Lane: *Historical Atlas of Modern Europe*, + VIII. 655; IX. 118, 246, 350, 470, 586, 692; X. 126, 235, 559, 658; XI. 108, 326, 578, 690; XII. 221, 442, 643; XIII. 222; XIV. 126, 468; XV. 202, 449; XVI. 377, 708; XIX. 411; XX. 133, 367
 Sphere Atlas, XVII. 102 +
 Stanford: *London Atlas of Universal Geography*, III. 356 +
Times Atlas, + V. 611; VI. 105, 204, 299; XVI. 264
 U.S.A.: *Statistical Atlas*: H. Gannett, XII. 550 +

French—

- Colonies françaises: P. Pelet, + XVI. 379, 709; XVII. 330; XVIII. 559; XIX. 247
 Laes français: A. Delebecque, IX. 246 +
 Melin, *Atlas historique et géographique*: A. Paris, + VI. 592; IX. 586; XIV. 127

ATLASES

Atlases—continued.

Schrader: L'Année cartographique, †IX. 248; XI. 210; XIII. 334; XV. 451; XVII. 222; XIX. 414; Géographie historique, †II. 286, 572; III. 167, 259, 540; IV. 96, 287; V. 191, 408, 510; VI. 204; VII. 228, 574

et Saint-Martin: Atlas universel de Géographie, †IV. 96; VI. 105; VII. 343; VIII. 200, 656; IX. 587; X. 126; XI. 110, 327; XII. 111, 334; XIII. 692; XIV. 239, 349; XV. 94, 307, 451, 560; XVI. 711; XVII. 223; XX. 134

Tunisie, Atlas archéologique: E. Babelon, R. Cagnat, and S. Reinach, VIII. 539†

Vidal-Lablache: Atlas general, †I. 479; II. 192, 480; III. 260, 443; IV. 96, 479; Historical, I. 96†

German—

Andree: Allgemeiner Handatlas, †I. 478; II. 573; XI. 464, 692; XII. 111, 223, 334, 444, 550, 645; XIII. 103, 224, 334

Debes: Neuer Handatlas über alle Teile der Erde, †II. 573; III. 355; IV. 479; V. 408; XIII. 224

Freytag, G.: Export-Atlas für Welthandel und Industrie, XX. 254†

and Berndt: Welt-Atlas, XVII. 101†

Hartleben, A.: Kleiner Volks-Atlas, IX. 248†

Hickman: Taschen-Atlas, V. 190†

Kiepert, H.: Grosser Hand-Atlas, †I. 192, 575; II. 480; III. 260; V. 190; Formæ Orbis Antiqui, †I. 383; IV. 479; XVIII. 118; XIX. 537

Langhans, P.: Deutscher Kolonial-Atlas, †II. 192; IV. 479; V. 287; VIII. 314; IX. 692; Kleiner Handelsatlas für Lehranstalten, VI. 400†

Lehmann and Petzold: Atlas für Mittel und Oberklassen höherer Lehranstalten, XI. 110†

Lüddecke, R.: Deutscher Schulatlas, V. 408†

Meyer: Hand-Atlas, †XIII. 575; XIV. 239, 349, 469, 591, 695; XV. 93, 203

Miller, K.: Mappæmundi; Die ältesten Weltkarten: see Cartography, Ancient

Peip, C.: Taschenatlas von Wien, VIII. 427†

Penok and Richter: Österreichischen Alpenseen, IX. 117†

Peucker, K.: Atlas für Handelsschulen, IX. 472†

Putzger, F. W.: Historischer Schul-Atlas, XVI. 263†

ATMOSPHERE

Atlases—continued.

Perthes, J.: Geschichts-Atlas: A. Schulz, XI. 110†; Alldentscher Atlas, XV. 307†; See-Atlas, V. 96†

Scobel, A.: Handels-Atlas zur Verkehrs- und Wirtschaftsgeographie, XX. 369; Neuer Volks- und Familien-Atlas in einhundert Kartenseiten, XIX. 247†

Sieglin, W.: Hand-Atlas zur Geschichte der Alterthums, III. 540†; VI. 298, 590†

Sohr-Berghaus' Hand-Atlas über alle Teile der Erde: A. Bludau, XX. 475†

Spamer: Grosser Handatlas, VII. 574†; IX. 248†

Spruner: Historical Atlas, II. 384†

Stieler: Hand-Atlas, †XIX. 116, 247, 537, 666, 787; XX. 134, 255, 476, 680

Zimmerer: Photocoll-Sammel-Atlas, XIV. 236†

Italian—Atlante Scolastico per la geografia Fisica e Politica di G. Pennesi, †II. 574; IV. 583; IX. 692; XII. 550; Atlanten des Battista Agnese: K. Kretschmer, IX. 467†; Atlanti e Carte nautiche, etc., note di C. Errera, IX. 686†

Russian—Charts, etc., Catalogue, XIII. 220†; Climatological Atlas of Russian Empire, XVII. 685†

Atlee, W.: Improvement of Channel of the Delaware River, IX. 241†

Atmosphere—

Air and Life: H. de Varigny, X. 232†; air of towns: J. B. Cohen, X. 232†

Appareils employés pour recueillir l'air à grande hauteur: L. Cailletet, IX. 686†

Atmosphärischen Kohlensäuregehalts Einfluss auf die Temperatur: S. Arrhenius, X. 653†

Atmosphere in Relation to Human Life and Health: F. A. R. Russell, X. 232†

Circulation de l'air dans le sol: Dehéran et Demoussy, VII. 448†

Circulation of: W. M. Davis, XIV. 586†

Grand Currents, etc., of: J. Thomson, I. 380†

Dust-particles in Atmosphere, Number of: J. Aitken, VIII. 424†; Poussières atmosphériques observées à Tunis: E. Bertain-Chand, XVIII. 240†; Poussières et la transparence de l'air: C. Dufour, VIII. 424†

Dynamic principle of circulatory movements in: V. Bjerknes, XVII. 563†

Eclipse cyclone and diurnal cyclones: H. Clayton, XVIII. 239†

Equilibrium of a column of air: D. Robertson, XVII. 563†

F

ATMOSPHERE**Atmosphere—continued.**

- Erosion, etc., performed by: J. A. Udden, IV. 88†
- Exploration of Air by means of Kites: C. F. Marvin, XIV. 345†; A. L. Rotch, IX. 244; XIV. 345†
- Explorations of Upper Atmosphere: H. de Graffigny, XIV. 345†
- General Circulation of: H. H. Kember, XIX. 780†
- Geography of, XVIII. 419
- Influence de l'Air sur la vie de l'homme: D. Jourdanet, IX. 244†
- Jahrestemperaturen des Luft über den Ozean: W. Zenker, I. 478†
- Kite-work of U.S. Weather-bureau: H. Frankenfield, XVI. 257†; XVII. 215†
- Le pouvoir grossissant de l': A. Tischner, VI. 394†
- Luftaustausch zu beiden Hemisphären: O. Baschin, VII. 118†
- Luftdruckvertheilung und Monddeklinatlon: R. Börnstein, XVII. 97†
- Luftströmungen über der ungarischen Tiefebene: J. Hegyföky, XIII. 98†
- Mean Temperature of, and Causes of Glacial Periods: H. N. Dickson, XVIII. 516*
- Mechanics of earth's atmosphere; collection of translations: C. Abbe, II. 476†; III. 164†
- Meteorology of Upper Atmosphere, Dr. Hann on, XVIII. 218
- Phénomènes physiques des Hautes Régions de l'Atmosphère: A. Cornu, VII. 568†; VIII. 423†
- Physical Phenomena of the Upper Regions of: A. Cornu, XIII. 568†
- Recherches . . . de l'atmosphère: H. H. Hildebrandsson, XII. 104†
- Refraction, Terrestrial, in W. Himalayan Mountains: J. T. Walker, IV. 88†; Theorie der Atmosphärischen Refraction, etc.: L. Matthiessen, XV. 301†
- Rücktransport der Luft . . . in den gemässigten Zonen: W. Köppen, XV. 88†
- Sondages de la haute atmosphère: H. de Graffigny, IX. 685†
- Strömungen der Luft in den barometrischen Minima und Maxima: D. Polis, XV. 88†
- Study of Waves and Wave-structures of: V. Cornish, XIII. 624
- Temperature of, G. Hermite on, III. 239; Air and Sea temperature, Distribution: W. Zenker, I. 379†; Air and Soil Temperature: W. von Bezold, I. 471†; Temperatur der freien Atmosphäre: H. Hergesell, XVI. 374†; in S. Hemisphere, Dr. Hann on, VII. 556§; see Temperature
- Theorie der Bewegung der Erdatmosphäre: P. D. Kitao, VII. 118†

AUCHINCLOSS**Atmosphere—continued.**

- Thermodynamik der Atmosphaere: W. von Bezold, XVI. 130†
- Tourbillon polaire: A. Poincaré, XII. 638†
- Variation diurne de l'électricité atmosphérique: A. B. Chuveau, XVII. 454†
- Vertical Circulation of: H. Schaw, XV. 302†; Vertical Component of Motions of: Id., XII. 638†
- Wärmeren Luftstromes in der Höhe von 10 bis 15 km., Existenz eines: R. Assman, XX. 563†
- Wissenschaftliche Luftfahrten: J. Hann, XVII. 681†
- Wo ist der höchste Luftdruck der Erde mit und ohne Reduktion auf das Meeresniveau? A. Woeikof, XVI. 374†
- Atmospheric Actinometry, etc.: E. Duclaux, X. 233†, 653†
- Electricity — Untersuchungen auf dem Gebiete der atmosphärischen Elektrizität: F. Exner, XVII. 562†
- gases dissolved in sea-water, Determination of, XIV. 554
- Physics and Climatology, Catalogue of Works on, VI. 199†
- Survey, U.S. Daily: W. L. Moore, XII. 176†
- Tides—Ecartis barométriques sur le méridien du Soleil, etc.: A. Poincaré, XIV. 687†
- and Oceanic Currents—Ueber einen hydrodynamischen . . . Mechanik der Atmosphäre und des Weltmeeres: V. Bjerknes, XIV. 687†
- Atna river: see Copper river
- Atoll-Islets, Broadening of: C. Hedley, XI. 573†, 674§
- Atrato river, Colombia, XVII. 347
- Atrek river, Persia, X. 572, 577
- Attanoux, J. B. d': Au Maroc, XII. 98†; Ce qu'il faut penser des Touraeg, XII. 210†; Expedition in Sahara, IV. 65; La navigabilité du Mékong de la Chine au haut Laos, XI. 683†; L'utilisation du Sahara français, XI. 684†; Tripoli et les voies commerciales du Soudan, VII. 333†
- et E. Lolié: Le Soudan français et les campagnes contre Samory, XI. 314†
- Atteridge, A. H.: Dongola Expedition of 1896, X. 340†
- Attica, Map: E. Curtius and J. A. Kaupert, II. 191†
- Attikonak lake and river, Labrador, V. 532
- At To Pass, Kwen Lun mts., XVI. 506
- Aty-bogdo mts., Gobi Desert, XIX. 582
- Au pays des cannibales: Mme. de Harasowsky, XII. 432†
- Auchincloss, S.: Waters within the Earth, etc., XI. 105

AUCHTERLONIE

- Auchterlonie, T., and J. Pinnoek: The City of Benin, XII. 325 †
- Auerbach, B.: Etude sur le régime et la navigation du Rhin, I. 373 †; La carte de Lorraine, XIII. 87 †; La Germanisation de la Pologne prussienne, VI. 293 †; La Question . . . des Allemands en Bohême, XII. 425 †; La régime de l'Elbe, XX. 239 †; Le Plateau Lorrain; Essai de Géographie régionale, I. 467 †; II. 52 §; Le régime de l'Oder, X. 451 †; Les Races et les Nationalités en Autriche-Hongrie, XII. 421 §, 425 †; Rapport sur les travaux du VII^e. Congrès international de géographie, XVII. 327 †; Ueber französische Länderkunde, XV. 188 †
- Auk Horn, Spitsbergen, XIV. 64
- Aukery, Nameless Bay, Novaya Zemlya, XI. 335
- Aulagnon, C.: La Sibérie économique, XIX. 769 †; La Sibérie occidentale et centrale, XVIII. 326 †
- Aurès, Les vallées de l': H. Busson, XV. 296 †; Une Ascension dans l': T. Salomé, XIII. 321 †
- Aurich, Volksverdrichtung im Regierungsbezirk: O. Thiele, XIX. 393 †
- Aurivillius, C.: Das Plankton des Baltischen Meeres, IX. 112 †; Vergleichende . . . Untersuchungen über die Plankton-Fauna des Skageraks, XIII. 328 †
- Aurora—
- Altitude above Earth's Surface: C. Abbe, XIII. 568 †
- Aurora Australis and Borealis; letter from C. Harvey, XVI. 691
- Aurores australes et boreales: H. Arctowski, XVII. 681 †
- Démonstration géographique de l'origine terrestre des aurores polaires: H. Stassano, XIX. 111 †
- Influence des basses pressions barométriques sur la fréquence des aurores polaires: H. Stassano, XIX. 780 †
- Ueber . . . Periode der Polarlichter und Gewitter: N. Ekholm und S. Arrhenius, XIV. 687 †
- Australis, V. 584, 588; XVI. 410; Aurores australes observées pendant l'hivernage de l'expédition antarctique belge: H. Arctowski, XVI. 257 †; Das Südlicht: W. Boller, IX. 244 †; Observations on: H. Arctowski, XVI. 92 *, 493 †
- Borealis, in Franz Josef Land, XI. 131; in London from 1707 to 1895: R. C. Mossman, XII. 322 †; in Polar Basin, IX. 502; XVII. 667; Aurores boréales: E. Durand-Gréville, VIII. 423 †; IX. 112 †; Effet de l'humidité . . . sur: A. Paulsen, VII. 448 †; Nordlichtphotographien: O. Baschin, XVIII. 239 †; Nordlys: A. Paulsen, XI. 688 †;

AUSTRALASIA.

- Ursache der Nordlichter: S. Arrhenius, XVIII. 239 †
- Aussee, Austria; duration of snow layer at, IX. 557
- Austin, H. H.: Among Swamps and Giants in Equatorial Africa, XX. 559 †, 642 §; Exploration in Sobat Region, XV. 279; From Njemps to Marich Save and Mumia's, XIV. 307; Identification of Wellby's river and the Gelo, XIX. 520; Journey from Omdurman to Mombasa *viâ* Lake Rudolf, XIX. 669 †; Lake Rudolf, XIV. 148 †; letter on Hydrography of Sobat Region, XIX. 385; remarks on "From the Somali Coast . . . to the Sudan," XX. 399; Survey of Sobat Region, XVII. 495 †; XVIII. 456 †; Survey of W. Shore of Lake Rudolf, XIII. 303; Through Sudan to Mombasa, XX. 357 †
- , Bright, and Garner: expedition to Lake Rudolf, XVIII. 533
- , J. B.: Venezuela's Territorial Claims, VIII. 420 †
- , Hon. O. P.: Around the World American Exposition, XVII. 566 †; Colonial Administration, XIX. 782 †; Colonial Systems of the World, XIII. 688 †; Commercial Development of Japan, XIV. 580, †; Commercial Importance of Samoa, XIV. 464 †; Problems of the Pacific, XX. 675 †
- Austral Sub-region of Geography of Mammals, IV. 38
- Australasia—**
- Asia and Australasia: Hon. J. Douglas, XX. 470 †
- Australasia (British Empire Series), XVII. 95 †
- and Antarctic exploration, XII. 194
- in 1898: G. R. Badenoch, XI. 686 †
- Old and New: J. G. Grey, XVIII. 554 †
- Australasian Agriculture: R. Wallace, I. 569 †
- Anthropological Journal, IX. 113 †
- Colonies, History: E. Jenks, VII. 336 †
- Australien und die Südsee: H. Greffrath, XII. 437 †
- Bibliography of: Petherick, XI. 437; XII. 101 †; XIV. 231 †
- British Colonies of, Progress: J. Bonwick, IX. 580 †
- Britisher's impressions of Australasia and America: Earl of Meath, I. 571 †
- Comparative Statistics of Australasian Railways: P. Howell, XIII. 683 †
- Fortschritte der geographischen Forschungen und Reisen im Jahre 1901: F. Umlauf, XX. 675 †
- Geographischen Forschungen und Reisen: H. Greffrath, X. 652 †

AUSTRALIA

Australasia—continued.

- Geography in: J. P. Thomson, IX. 683 +
 Geological Society of, Inaugural Address: J. Stirling, X. 231 +
 Goldfelder Australasiens: K. Schmeisser, XI. 319 +
 Goldländern Australasiens, Reisebeobachtungen in den: K. Schmeisser, IX. 109 +
 Im australischen Busch und an den Küsten des Korallenmeeres: R. Semon, X. 122 +, 217 §; XIII. 325 +
 In Savage Isles and Settled Lands: B. Baden-Powell, I. 88 +
 Islands of Southern Seas, Hawaii, etc.: M. M. Shoemaker, XI. 686 +
 La conquête de l'Océanie par les nations européennes: P. Barré, V. 92 +
 Mineral Waters of, Composition and Properties, XIV. 342 +
 Nests and Eggs of Birds found breeding in Tasmania and Australia: A. J. North, XX. 470 +
 Map of: Fr. Behr, I. 477 +
 Royal Geographical Society of, Historical Review: A. Muir, IX. 687 +; Anniversary Address to Queensland Branch: J. P. Thomson, XI. 456; Medal of do., XVI. 568
 Seismological Phenomena, XIV. 342 +
 Seven Colonies of Australasia: T. A. Coghlan, VI. 98 +; X. 341; + XIV. 342 +; XVIII. 236 +, 458 +
 Stanford's Compendium of Geography and Travel: A. R. Wallace, III. 74 +; F. H. Guillemard, V. 91 +
 Tables . . . for Time and Height of High Water in New Zealand, Sydney, etc.: W. N. Goalen, XIII. 325 +
 Tertiary Mollusca: G. F. Harris, XI. 101 +
 Wragge's Australasian Almanac, etc., XVI. 585 +; Weather Bureau work, XX. 545

Australia—

- Association for Advancement of Science, Geography at, XV. 429
 Australia: L. H. Bircher, X. 553 +
 Do., Miss F. Shaw, III. 535 +
 Deserta: J. A. Panton, VIII. 422 +
 — in 1897: E. A. Petherick, XII. 437 +
 Australian Bibliography, III. 535 +
 — Directory, VIII. 193 +; XIII. 683 +; (Supplement, 1900), XVIII. 236 +, 458 +; (1902) XX. 672 +
 — Outlook, The: Miss F. Shaw, III. 349 +
 Australians, The; Social sketch: F. Adams, II. 92 +
 Australien und Ozeanien: W. Sievers, VII. 693 +
 — und Südseefahrt: A. Daiber, XIX. 776 +

AUSTRALIA

Australia—continued.

- Beobachtungen über den Handel und Verkehr Australiens: M. Wiedemann, XX. 360 +
 Camels in: N. E. Phillipson, XV. 553 +
 Centr. Australia, remarks on: W. H. Tietkens, XIV. 463 +
 Geographical progress in, X. 318; Geographical evolution of Australian Continent: J. P. Thomson, XIX. 236 +; Geographical history of Australian Continent: A. O. Gregory, VII. 682 +; Geographisch-statistische Uebersicht über die australischen Kolonien: H. Greffrath, XI. 319 +
 Gladstone Colony, etc.: J. F. Hogan, XI. 571 +
 Handbooks—Australian: Gordon and Gotch, I. 378 +; IV. 379; VII. 682 +; Handbook (incorporating New Zealand, etc.), XI. 456 +; Shippers' Handbook . . . and Business Guide, XV. 197 +, 300 +
 History of: G. W. Rusden, XI. 456 +, 670 §
 Land of Gold, The: J. M. Price, VIII. 193 +
 Market Fishes, etc., of: W. Saville-Kent, A. 341 +
 Natural History Gleanings: W. Saville-Kent, XI. 319 +
 Nomenclature of an Australian Colony: A. J. Wright, XIII. 95 +, 306 §
 On the Wallaby: G. Boothby, IV. 87 +
 Photographs: S. and W. Australia: R. T. Maurice, XX. 680 +
 'Saugetier-Fauna Australiens: R. Lemon, XI. 571 +
 Soldiering fifty years ago, Australia in the Forties: De Winton, XI. 686 +
 Souvenir of Farewell Banquet to Earl of Hopetown: ed. C. S. Rutledge, XVII. 325 +
 Studies in Australia in 1896: Hon. T. A. Brassey, IX. 465
 Wirtschaftlichen Verhältnisse der australischen Kolonien: E. Jung, XIII. 95 +
 Year-Book 1895: Hon. E. Greville, + VII. 116; 1896, VIII. 193; 1897, X. 341; 1898, XII. 437; 1899, XIV. 231; 1900, XVI. 254; 1901, XVIII. 458; 1902, XX. 562
- Aborigines—**
 Aboriginal Bora at Gundabloni, 1894: R. R. Mathews, VII. 116 +
 Aborigines: J. Matthew, XVI. 229 +
 Austral-English Dictionary: E. E. Morris, XI. 319 +
 Australian language as spoken by the Awabakal: L. E. Threlkeld, ed. J. Fraser, III. 255 +

AUSTRALIA

Australia—continued.

- C. Australia, Native tribes of: B. Spencer and F. J. Gillen, XIII. 325 †
- Contributions to catalogue of works on Anthropology of Australian and Tasmanian aborigines: R. Etheridge, VI. 198 †
- Divisional Systems: R. H. Mathews, XIV. 685 †; XVI. 229 §
- Eaglehawk and Crow: J. Matthew, XIV. 685 †; XVI. 229 §
- Influence of Geographical Position on: E. Favenc, II. 316 *
- Origin: R. H. Mathews, XVII. 679 †; R. S. Walpole, XV. 554 †
- Rock Pictures: R. H. Mathews, VII. 116 †; Rock Carvings: R. H. Mathews, XI. 203 †; XII. 328 †
- Social organization: H. Canon, IV. 379 †
- Totemic Divisions: R. H. Mathews, XII. 544 †
- Tracking by: A. T. Margarey, XV. 554 †
- Water, quest of: A. T. Margarey, XV. 555 †
- Coasts and Seas—
- Admiralty Surveys, IV. 28; XII. 72; XVIII. 82
- Currents: H. C. Russell on, XI. 438; XVI. 689
- Directory, S. and E. Coasts, IX. 683 †
- Great Barrier Reef: *see s.v.* Great *Lady Nelson*, H.M.S.: W. C. Thomson, XIX. 530 †
- Magnetic Shoal off Beazort I.: R. L. J. Ellery, I. 88 †
- Oceanography, Contribution to: T. W. Fowler, XIII. 567 †; XIV. 463 †
- Discovery and Exploration—
- Notes, II. 22; IX. 600; during reign of Queen Victoria, XVII. 233*; Unexplored Areas, II. 494; Notes on expeditions—Baldwin-Spencer (northern), XVII. 664; XVIII. 537; H. Fletcher, X. 216; H. W. Hartslett, X. 216; H. W. Hill, XX. 657; S. G. Hübbe, X. 216
- Across Australia: G. White, XX. 128 †
- Australische Reise: R. von Lendenfeld, I. 185 †
- Au travers du continent Australien: H. V. Barclay, XIV. 342 †
- Calvert, A. F.: Explorations in, III. 74 †; VI. 490 †; (1844-1896), IX. 109 †
- Colonial Tramp: H. Nisbet, IX. 109 †
- Continent Austral, Le: A. Rainaud, IV. 475 †
- Cook's Voyage, Botany of: Sir J. Banks and D. Solander, XVI. 254 †; XVIII. 337 †
- Das unbekannte Südland: S. Ruge, VII. 337 †

AUSTRALIA

Australia—continued.

- De Quiros and discovery of Australia: A. Sutherland, XIX. 530 †; De Quiros' Voyage: G. Gordon, XVII. 679 †; Did De Quiros land at Port Curtis? G. Gordon, XIX. 530 †; Do.: W. C. Thomson, XVII. 679 †; Was Australia discovered by De Quiros in 1606? Card. Moran, XVI. 479; XIX. 377 §, 580
- Discovery: A. F. Calvert, II. 566 †; G. Collingridge, VII. 682 †; IX. 450 §; Notes on: E. D. Morgan, III. 535 †; letter from R. S. Whiteway on, XI. 80; Part borne by Dutch in: J. E. Heeres, XIV. 685 †; XV. 69 §; Participation des Néerlandais à la découverte de l'Australie: E. Janssens, XVI. 127 †; Was Australia discovered in the Sixteenth Century? E. Heawood, XIV. 421*; letter from J. P. Edmond, XIV. 574; Discovery of E. Coast of New Holland: A. C. Macdonald, X. 652 †
- Elder Expedition (Central), I. 552; III. 163 †, 334; Maps, I. 478 †; III. 80 †; Photograph, II. 96
- Eyre Lake, J. W. Gregory's expedition, XIX. 377, 509, 607
- Gegenwartige Stand unserer Kenntnisse des Australkontinents: E. Jung, IX. 109 †
- Glimpses of Australian Exploration: J. Bryant, XIX. 237 †
- Horn Expedition, IV. 67; X. 51; H. Greffrath on, IX. 109 †; Journal, etc.: C. Winneke, IX. 580 †; Plan of route, VIII. 95; Reports, etc.: B. Spencer, IX. 109 †; (Zoology), VIII. 193 †, 421 †; Horn Expedition in Zentralaustralien: F. Hahn, XII. 215 †; Map: B. Hassenstein, XI. 327 †; Scientific Exploration of C. Australia: W. A. Horn, VII. 446 †
- In the Australian Bush, etc.: R. Semon, XIII. 325 †
- Israelite Bay to Coolgardie: A. J. Wright, VIII. 422 †
- Kimberley, N. W., Report on Exploration: F. S. Brockman, XX. 456, 471 †
- Kort oversigt over "Den Dahlske expeditions" . . . of Nordaustralien: K. Dahl, IX. 465 †
- Naval Pioneers of Australia: L. Becke and W. Jeffery, XIII. 683 †
- N. Australia and New Guinea, Journeys in: R. Semon, IV. 285 †
- On a bicycle in Australian Wilds: A. Burton, XV. 86 †
- Spinifex and Sand: Hon. D. W. Carnegie, XIII. 326 †
- Story of Australian Exploration: R. Thynne, V. 91 †

AUSTRALIA

Australia—continued.

Studienreise nach Australien, Ergebnisse einer wirtschaftsgeographischen: M. Wiedemann, XIX. 403 †

Terra Australis incognita: Morris, XIV. 586 †

Tietkens, W. H.: Journal of Centr. Australian Expedition, II. 188 †

Trip to the land of the Kangaroo: W. McCormick, XII. 437 †

Twelve Hundred Miles on Murray River: A. S. Murray, XV. 443 †

Flora—

Australian Fungi, etc.: D. McAlpine, VII. 336 †; Effect of Settlement upon Indigenous Vegetation: A. Hamilton, I. 569 †; II. 269 §; Origin of, XV. 85 †; remarks on Past, Present, and Future of: W. Woods, XVII. 559 †; Timber Resources of the Australian Commonwealth: E. T. Scammell, XX. 128 †; Vegetation and its Geological Development: J. Shirley, XVIII. 236 †

Maps—

Commercial Map: Bartholomew, VI. 203 †; Reduced Survey: Bartholomew, XIV. 127 †; Remarkable Maps of Fifteenth and Sixteenth Centuries: F. Muller, XIV. 127 †

Meteorology—

Climate and Artesian Waters: J. P. Thomson, XIX. 659 †; Federal Weather Bureau, Suggestions for Establishment: C. L. Wragge, XIX. 403 †; Meteorological Work: C. L. Wragge, XVII. 325 †; Observations at Adelaide Observatory: C. Todd, I. 570 †; Types of Australian Weather: H. A. Hunt, IX. 109 †; X. 123 †

Mining—

Discovery of Gold: R. J. Coningsby, VIII. 193 †; Mining Standard, IX. 683 †; Water Supply of Gold Fields, XII. 215 †

Physiography—

Deserts: G. Lespagnol's studies, XII. 319; E. Favenc's note on future habitability of, II. 553

Eiszeiten Australiens: A. Penck, XVII. 560 †

Geological Development of Australia: A. C. Gregory, VI. 98 †

Glacial Phenomena: A. Penck on, XVII. 308

Marine Tertiaries: R. Tate and J. Dennant, IX. 344 †

Outlines of Australian Physiography: C. Barton, VI. 490 †

Physical Conditions and Exploration as illustrated by Australia: A. W. Andrews, XX. 672 †

—Geography of: J. P. Thomson, VI. 584 †; XIII. 567 †

AUSTRALIA, SOUTH

Australia—continued.

Plains of Australia: G. E. Boxall, VIII. 193 †

River-Basins, Areas of N. American and Australian: A. Bludau's calculations, XII. 182

Snowy ranges: C. Wragge, XIX. 237 †

S. and C. Australia, Contributions to knowledge of Geology of: C. Chewings, IV. 87 †

Sur le caractère désertique de l'Australie intérieure: G. Lespagnol, XII. 101 †, 319 §

Political—

Australia as a strategic Base: A. S. White, VII. 446 †

Australian Colonies in 1896: E. A. Petherick, IX. 465 †

—Colonies, Growth and Progress: W. Harper, X. 231 †

Capital, Site for new, XVIII. 538; Report of the Commissioner, XIX. 403 †; Lake George as site: F. B. Gipps, XIX. 403 †

Commonwealth, XVII. 196; Hon. Sir J. A. Cockburn on, XVII. 679 †; Constitution of: H. Moore, XIX. 659 †; Constitution Bill, XX. 360 †

Federal Constitution: H. M. Posnett, XVIII. 236 †

—Defence of: J. M. Gordon, XI. 456 †; Origine et constitution: P. Maistre, XVIII. 645 †

Federation, XIV. 685 †; Papers relating to, XVI. 127 †; Australian Federation: Lord Brassey, XIII. 683 †

Water Rights, Intercolonial: H. G. McKinney, XIX. 403 †; 760

Railways—

Development: M. Kandt on, IV. 283 †; Mileage, II. 70; Eisenbahnen des Australcontinents: E. Jung, XVII. 560 †

Trade: Commercial Australia in 1900, XIX. 659 †

Water—

Artesian areas, XIV. 408; Artesian Water-supply of Australia from a Geographical standpoint: W. G. Cox, XIX. 560 *; Wasserversorgung des Australkontinents: E. Jung, XV. 670 †; Water Supply: W. G. Cox, XIX. 530 †

Australia, South—

Flinders memorial, XIX. 759; ditto, Photographs, XX. 256

Fossil Remains of Lake Callabonna: E. C. Stirling and A. H. C. Zietz, XVI. 128 †; Physical Features: E. C. Stirling, XVII. 96 †

Govt. Geologists' Report, VII. 336 †

History of: E. Hodder, II. 92 †

Meteorological Observations: Sir C.

AUSTRALIA, WESTERN**Australia, South—continued.**

- Todd, VII. 682 †; XI. 204 †; XIII. 684 †; XV. 86 †
- Notes on Extinct Volcanoes of Mts. Gambier and Schank: W. Howchin, XIX. 238 †
- on Glacial Beds of Cambrian Age in: C. Chewings, XIX. 237 †; W. Howchin, XIX. 237 †
- Province of S. Australia: J. D. Woods and H. D. Wilson, VI. 585 †
- S. Australia as a Federal Unit: Hon. J. Cockburn, XIV. 122 †
- Tablelands, Reports on: D. Lindsay and C. Winnecke, XIII. 74 §, 218 †
- Tides of: R. Chapman and A. Inglis, XIV. 586 †; XV. 555 †
- Aborigines—
- Divisions of S. Australian Aborigines: R. H. Mathews, XVI. 373 †; Ethnological Notes: R. H. Mathews, XIX. 238 †; Photographs: R. T. Maurice, XX. 680
- Exploration—
- Carruthers, J.: Triangulations of N.W. portion, I. 553
- Geological Explorations, Report: H. V. L. Brown, VII. 554
- Maurice and Murray, Explorations, XIX. 760
- Stock Route Expedition Journal: S. G. Hübbe, XI. 204 †
- Maps—
- Geological Map: H. Y. L. Brown, XVII. 459 †; Southern Portion of Province, XI. 586 †
- Northern Territory—
- Agricultural Capabilities of Northern Territory: M. W. Holtze nn, XIX. 378
- Australische Nordterritorium: H. Greffrath, XIII. 326 †
- Discovery of a harbour, IX. 95
- Geological Map: H. Y. L. Brown and C. Winnecke, XVII. 459 †
- Northern Territory: Hon. J. L. Parsons and M. W. Holtze, XIX. 404 †
- Australia, Western—**
- Aborigines, XI. 262, 268; Native Tribes of: R. H. Mathews, XVI. 373 †
- Blue Book, 1894, VII. 116 †
- Crown Lands of, Land Selections' Guide, XIX. 778 †
- Geological Features of: H. M. Cadell, XII. 216 †
- Survey, Annual Progress Report, XIII. 218 †; XV. 555 †; XVIII. 338 †; XX. 672 †; Bulletin, XIII. 458 †
- Geology and Mineral Deposits: E. F. Pittmann, XIII. 684 †
- of, Bibliography: A. G. Maitland, XII. 637 †

AUSTRALIA, WESTERN**Australia, Western—continued.**

- Illustrated Handbook of, XVIII. 645 †
- Kolonie Westaustralien: H. Greffrath, XI. 102 †
- L'Ancien "désert Victoria:" J. Garnier, XVIII. 236 †
- Land of Promise, W. Australia in 1897-98: T. Chambers, XIII. 218 †
- Lands and Surveys Dept.: map, IX. 586; † report, XII. 637 †; XVIII. 338 †; XX. 249 †
- Notes of a visit to: W. D. Le Souëf, XIX. 659 †
- Present Condition and Prospects of: Sir M. Fraser, I. 570 †
- Recent Observations in: Sir G. Smith, XVII. 214 †
- Sand-ridges of, XI. 266, 280
- S.W. Districts: G. Hope, XII. 637 †
- Statistical Register, XI. 457 †
- Travels in W. Australia: M. Vivienne, XVIII. 333 †
- West Australien: E. Mayr, IX. 580 †
- W. Australia: Sir W. Robinson, VII. 116 †
- and its Resources, XIX. 778 †
- in 1898: Hon. E. Wittenoom, XIII. 327 †
- in 1899: Hon. E. H. Wittenoom, XVI. 128 †
- its History and Progress: A. F. Calvert, VII. 566 †
- its Position and Prospects: T. Chambers, XIV. 342 †
- Yearbook: M. A. C. Fraser, †III. 255; VII. 116; XIII. 327; XVII. 214
- Exploration—
- Across the Westralian Desert: A. Macdonald, XIX. 778 †
- Botanical Results of Journey into Interior: S. Moore, XIV. 586 †
- Journey to Warina: W. C. Boyd, IX. 61 *
- Calvert expedition in W. Australia, VIII. 641; Abstract of Journal: L. H. Wells, XV. 555 †; funeral of lost members of expedition, X. 444; Map: L. A. Wells, XVI. 379 †
- Carnegie, Hon. D. W.; IX. 95; Explorations in Interior, XI. 258 *; XII. 216 †; Map, XI. 579 †
- Hann, F., XVIII. 338 †
- Kimberley District, Explorations, XX. 456
- Kuss, H.: Une excursion en Australia, XVIII. 236 †
- Oasis, Mann's Discovery of an, IX. 95
- Russel, H.: Expedition to the Barrow . . . and Warburton Ranges, XV. 648 §, 671 †

AUSTRALIA AND AMERICA**Australia, Western—continued.****Maps—**

Geological Sketch Map: H. P. Woodward, IV. 192†; country between Cue and Menzies, XV. 451†

Goldfields: A. F. Calvert, IV. 479†; VII. 574†; E. Stanford, VIII. 540†

Topographical Map of Kalgoorlie: W. D. Campbell and S. J. Becher, XIX. 665†; Menzies: W. D. Campbell, XV. 450†

Mining—

Minerals, XIX. 378; Department of Mines, Reports, †XI. 204; XIII. 218; XV. 671; XVII. 560; XX. 672; Statistics of Gold Output, †IX. 580; XI. 204; XII. 637

Coolgardie Gold Fields: D. C. Chewings, VII. 682†

Geology of Coolgardie Goldfield: T. Blatchford, XIV. 586†

Golden West, Mines and Industries, XV. 555†

Mineral Resources: A. F. Calvert, II. 566†

——— Wealth: A. G. Maitland, XXII. 96†

Mining Handbook: H. P. Woodward, V. 92†; VII. 336†

W. Australia and its Goldfields: A. F. Calvert, I. 378†

W. Australian Goldfields (London and Western Australian Exploration Co.), VII. 451†; Berwick, Morning, and Co., VII. 573†

Australia and America—Scoperte Geografiche del Secolo XIX.: F. Porena, XVII. 218†

——— and Pacific; Australie et le Pacifique: P. Leroy-Beaulieu, XVIII. 554†; Australien und die Südsee an der Jahrhundertwende: M. Schanz, XVIII. 554†

——— and Tasmania; Nests and eggs of birds found breeding in: A. J. North, XVIII. 554†

Australian Alps: *see* Snowy mts.

——— Region of distribution of mammals, III. 97; IV. 35*

Austria Sound, Franz Josef Land, III. 494; IV. 10, 142

Austria-Hungary (see also Hungary)

Artaria's Dictionary of Places: Grisinger, II. 471†

Aus dem alten Tauriskerlande: H. Grasberger, XI. 309†

Austria: S. Whitman, XIII. 674†

Az ausztriai császárizim fölvételéről, XI. 564†

District between Drave and Save rivers: Csanki, III. 343†

Enneberg in seinen wirtschaftlichen und socialen Verhältnissen: J. Alton, XVI. 242†

Geographical Bibliography, VI. 389

Geographischer Jahresbericht über

AUSTRIA-HUNGARY**Austria-Hungary—continued.**

Oesterreich: Sieger, XI. 172, 190†

Handbook: K. Bædeker, VIII. 187†; XV. 77†

Kals: F. Lowl, XI. 308†

Leistungen des Oesterreichischen Staatsinstitute, VII. 438†; XII. 91†

Neueren Arbeiter der Mappierungs-Gruppe: C. R. von Steeb, XIV. 222†

Oesterreichisch-Ungarischen Kurorte am Adriatischen: E. Gelcich, II. 276†

Präcisions-Nivellement in der Oesterreichisch-Ungarischen Monarchie, XII. 91†; XVI. 483†; XVIII. 453†

Shipping on the Danube, VI. 470

Siebenten Jahres-Bericht des Sonnenblick-Vereines, XIV. 329†

Vernagtferner, Der: S. Finsterwalder, XI. 307†

Věstník Králě České Společnoski Náuk: J. Frejlach, X. 646†

Canals—

Canaux en Autriche: H. Daury's, XVIII. 320†; Kanäle und Kanalprojekte in Oesterreich-Ungarn: E. Sieger, XIX. 391†; Navigation interieure en Autriche-Hongrie: D. Bellet, XX. 119†; Ship Canals, XVIII. 289

Cartography, etc.—

Artaria: Eisenbahn und Post-Communications-Karte, †I. 189; III. 258; V. 189; XI. 209; XIII. 222; XV. 201; XVII. 328; XIX. 243; Universal Administrative Map: O. Tipser, I. 189†

Astronomische Arbeiten der Oesterreichischen Gradmessungs-Commission: J. Herr und W. Tinter, VII. 106†; Astronomisch-Geodätischen Arbeiten des K. und K. Militär-Geographischen Institutes in Wien, XI. 679†; XV. 432†; XVI. 483†

Geologische Karte von Oesterreich: F. von Richthofen, XIII. 554†

Geschichtliche Entwicklung des österreichisch-ungarischen Militär-Kartenwesens: W. Stavenhagen, XV. 660†

Gradmessungs-Commission, XI. 205†

Historischen Atlas der österreichischen Alpenländer: E. Richter, VIII. 526†

Hydrographie Oesterreichs; Uebersichtskarte, IX. 117

Hypsometrische Karte, I. 188†; XVI. 261†

Kartenskizze der Umgebung des Fadingersattels, XX. 253†

Magnetic Surveys, XI. 303

Militär Kartenwesen Oesterreich-Ungarns: W. Stavenhagen, XVII. 443†

AUSTRIA-HUNGARY

Austria-Hungary—*continued*.

- Neuer Dreiecksnetz 1. Ordnung der österreichisch-ungarischen Monarchie: R. von Sterneck, XIV. 222 †
 Publicationen für die Internationale Erdmessung, XIII. 317 †
 Verkehrs-Karte von Oesterreich-Ungarn: W. Liebenow, VIII. 654 †
 Ethnology, Language—
 Audiatur et altera pars (Language in Bohemia), XI. 446 †
 Census, VI. 383; XVIII. 206
 Distribution of population: Grissinger on, II. 163; IV. 184 †
 Entwicklung des slavischen Speichers: K. Rhamm, XVI. 119 †
 Nationalités en Autriche-Hongrie: G. L. Jaray, XX. 349 †, 665 †
 Question delle Lingue in Austria: C. V. A. Gonzaga, XVI. 242 †
 Races et les Nationalités en Autriche-Hongrie: B. Auerbach, XII. 421 §, 425 †
 Volkszählung in Oesterreich-Ungarn, XVII. 671 †
 Wachstum der Bevölkerung in Oesterreich-Ungarn: A. Rebhann, XVIII. 546 †
 Explorations, etc., Arabia and Red Sea, VI. 388; VIII. 180; XII. 521; XII. 571; XIII. 638; Aegean Sea, III. 510; Balkan Pen., XIII. 301; Brazil, XVII. 195; XX. 657; Franz Josef Land, Map: R. Copeland, IX. 110 †; I. 354; E. Mediterranean, III. 138; XVI. 230
 Meteorologie und Erdmagnetismus, Jahrbücher, XIV. 110 †, 576 †; XVI. 119 †; XVII. 671 †
 Physical—
 Die Gebirgsformen im Kärnten: F. Frech, I. 277 †
 Erdbeben-Commission, Mittheilungen der: E. von Mojsisovics, XII. 624 †; XVIII. 320 †, 546 †
 Geomorphologische Studien aus dem oberösterreichischen Mühlviertel: H. V. Graber, XX. 550 †
 Gletscher der Mur und Mürz: A. Bohn, XVI. 483 †
 Gletscherstudien im Sonnblickgebiete: A. Penck, XI. 307 †
 Hallstätter- und Gmundenersees, Tiefen des: A. Penck, XVII. 83 †
 Hydrographischer Dienst in Oesterreich, VII. 107 †; VIII. 521 †; IX. 231 †; XI. 191 †; XIII. 210 †; XVII. 542 †; XX. 334 §; Beiträge zur Hydrographie Oesterreichs, IX. 117 †
 Kačna jama im Karst bei Divača: F. Müller, XVII. 443 †
 Karlseisfeldes, Die topographische Aufnahme des: Baron von Hübl, XVIII. 320 †
 Karren und Dolinen im Riffkalk der

AUSTRIAN ALPS

Austria-Hungary—*continued*.

- Übergossenen Alm: H. Crammer, XIX. 765 †
 Karst: Area e profondità di alcuni laghi carsici: A. Gavazzi, XII. 425 †; XVII. 301 †; "Burgverlies" im mährischen Karst: R. Trampler, XVIII. 224 †; Drei Dolinengruppen im Mährischen Karst: R. Trampler, XVII. 542 †; Fenomeni carsici, etc.: O. Marinelli, XI. 307 †; Karst im österreichischen Littorale: K. Moser, VIII. 187 †
 Laibacher Moor in Krain: J. Petkovsek, IX. 103 †
 Limestone mountains; M. Cvijić on natural caverns, IV. 571
 Lothungen im Hallstätter See, Bemerkungen über alte und neue: A. Penck, XVI. 483 †
 Morphometrie der Koppenteiche: K. Peucker, IX. 103 †
 Niederösterreichische Waldviertel: E. Raffelsberger, IX. 102 †
 Pflege der Erdkunde in Oesterreich, XIV. 110 †
 Stehende Seespiegelschwankungen auf dem Traunsee: E. Richter, XIV. 110 †
 Tägliche periodische Schwankung des Erdbodens . . . zu Triest: E. Mazelle, XIX. 391 †
 Wolkengeschwindigkeit und -Richtung in Tarnopol: L. Satke, XVII. 83 †
 Political, etc.—
 A Dissolving Empire: F. W. Hirst, XII. 425 †; Austria-Hungary and the Ausgleich: E. Reich, XI. 564 †; Austria-Hungary's Colonial Experiment: L. Villari, XX. 665 †
 Railways, extent of, XVI. 221
 Trade (Foreign Office Rep.), XVI. 569 †; XVIII. 546 †; Eastern Trade: W. Schwaighofer on, XVI. 553; Trade: Schoeller, XII. 536 †
 Austrian Alps (*see also* Alps, Eastern)—
 Gebirgsbau der Radstadter Tauern: F. Frech, IX. 572 †
 Historischen Atlas: E. Richter, VIII. 526 †
 Karst-forms of glaciers of, VI. 382
 Lakes, Atlas der Oesterreichischen-Alpenseen: A. Penck and E. Richter, VI. 201 †; IX. 117 †; J. Müllner, V. 266; Erläuterungen zur: E. Richter, XI. 307 †
 Niederen Tauern, Orometrisches aus den: F. Schonberger, X. 546 †
 Pinzgau, Der: W. Schjerning, IX. 573 †
 Reschen-Scheideck, Die Seen am: J. Müllner, XVII. 443 †
 Snow-layer in, A. Swarowsky's observations, IX. 557
 Wiener Schneeberg, Bahn auf den: F. Umlauf, X. 546 †

AUVERGNE

- Auvergne—De l'Auvergne à l'Atlantique: Collignon, VII. 327 †; Laes d'Auvergne et l'Agriculture: C. Bryant, XX. 349 †; Monuments mégalithiques, XI. 564 †; Nappes de glace dans les volcans à Auvergne: P. Glangeaud, XVIII. 307 §, 454 †; Topographie glaciare en: M. Boule, VIII. 188 †, (map) 426; Wanderungen im Vulkangebiet der: R. Zeller, XVIII. 631 †
- Auzias-Turenne, R.: Voyage au Pays des Mines d'or, XIII. 456 †
- Ava, ancient town of, II. 143
- Avalanche basin, Montana Rockies: L. B. Sperry, VII. 444 †
- Avalanches—Grundlawinenstudien: F. W. Sprecher, XVI. 588 †; XX. 674 †; Mud, C. Asia, II. 291, 300
- Avebury, Lord: On configuration of Earth's Surface, VI. 545 *; VII. 338 †; XV. 46 *; XVI. 257 †; Scenery of England, XIX. 767 †; XX. 89 §
- Avellar, E. d': Le Portugal et Vasco da Gama, XII. 546 †
- Avelot, H., et J. de la Nezière: Montenegro Bosnie et Herzégovine, XX. 351 † —: Dans la boucle de l'Ogooue, XVIII. 328 †; XIX. 233 †
- Avennes, L'Explorateur Prisse d': T. Obalski, XI. 105 †
- Aventins Karte von Bayern, XV. 304
- Avernus group of mts., X. 416, 419 —, lake, X. 420, 433
- Avery, W. L.: Br. Honduras, XVII. 213 †
- Aves, W. O.: Philip's practical "Index" Guide to London, XIX. 229 †
- Aveyron, Anthropologie de l': Durand et G. de Lapouge, XII. 321 †, 624 †
- Avila, C. d': Dos nivelamentos de precisão e da sua superfície, VII. 117 †
- Avril, Baron A. d': Les Armeniens indépendants du Taurus, XI. 682 †; quelques notes sur l'Arabie, XVIII. 638 †
- Awabi, Oman, XVIII. 473
- Awakening of a Nation (Mexico): C. F. Lummis, XIII. 94 †
- Awas mts., S.W. Africa, II. 40
- Awemba country, C. Africa, VII. 204; tribe, I. 524; XIII. 584; XV. 231
- Axelsen, P.: Die Nordfriesen, XIII. 88 †
- Ax-i-Rustam, Persia, VII. 26
- Axon, W.: Bygone Sussex, IX. 235 †
- Axum, Ethiopia; ruins at, II. 145
- Ayahuasca, drink of Laparo Indians, III. 480
- Aydab, ancient town, Sudan, VIII. 336, 339
- Aylmer, G. P. V.: Recent journey in N. Somaliland, XI. 34 *, 186, 305
- Aymara Indians, Bolivia, X. 82; XIV. 20
- Aymonier, E.: Le Cambodge, XIX. 395 †; Le Cambodge et ses monuments, X. 549 †; Mission en Indo-Chine, I. 181 †
- Ayrshire, Buried or Drift-filled Channels and Glens of: J. Smith, XVIII. 83 §, 228 †
- Azande tribe, C. Africa, VII. 428

BAASCH

- Azerbaijan, plateau of, XIV. 504; Trade (Foreign Office Rep.), XIV. 581 †; XIX. 106 †
- Azevedo, J. L. N. de: Carta Geographica de Estado do Rio Grande do Sul, XX. 679 †
- Azimba and Chipitaland, A Year in: H. C. Angus, XI. 199 †
- Azimuth Tables—Star's true bearing or Azimuth Tables: P. L. H. Davis, XVI. 492 †; Sun's ditto: Id., XVI. 492 †; Ueber Azimuttafeln: H. Meldau, XII. 438 †
- Azores—
- Açores d'après les Portulans: J. Mees, XVIII. 327 †
- Arquivo dos Açores, VII. 560 †
- Aux îles Açores: P. d'Espagnat, XIII. 554 †
- Azoren: S. Schröder, XV. 437 †
- Azorische Eilanden: G. Verschuur, XX. 245 †
- Description of the: W. R. Kettle, IV. 374 †
- Discovery, IX. 198; Histoire de la découverte des îles Açores: J. Mees, XIX. 655 †; XX. 448 §; Priorita dei Genovesi nella scoperta delle Azorre: E. A. Dalbertis, XVIII. 241 †
- Madeira . . . with the Azores, Guide: A. S. Brown, XIX. 107 †
- Map—Carte bathymétrique de l'archipel des Açores: J. Thoulet, XIV. 329 †; XV. 306 †
- Noth- und Orderhäfen der Azoren, XVIII. 327 †
- Oceanographical researches off the, XII. 446
- On the Slugs of, etc.: H. Simrok, III. 257 †
- Photographs of St. Michael's, III. 80
- Princess Alice bank off, IX. 93, 566
- Prince of Monaco's expedition to, VIII. 300
- Valentin Ferdinands Beschreibung der Azoren: S. Ruge, XIX. 771 †
- Azov, Sea of—Kertch and Trade of, XX. 535; Ports of, XI. 544; Russischer Handelshäfen am Asowschen Meer, XI. 88 †
- Azuay mts., S. America, XII. 192
- Azurara, G. E. de, IX. 193, 199; Chronicle of Discovery and Conquest of Guinea, IX. 240 †; XIII. 679 †; XIV. 66 §; Description of Prince Henry the Navigator, III. 391

B

- Ba'albek, German Excavations at: F. J. Bliss, XX. 245 †
- Ba-amba, tribe, XIX. 38
- Baasch, E.: Die Anfänge des modernen Verkehrs Hamburgs mit Vorderindien und Ostasien, X. 234 †

BABA KILULU

- Baba Kilulu, C. Africa; height and position, IV. 436
- Bab-el-Mandeb, Straits of; currents, IV. 256; Unterströmungen in der Strasse von, XIII. 569†
- Babelon, E., R. Cagnet, and S. Reinach: Atlas archéologique de la Tunisie, VIII. 539; XX. 678†
- Babinet, M.: Observations central du Bassin de la Seine, I. 278†; VIII. 306†
- , et Lemoine: Ponts et Chaussées (Bassin de la Seine), XVII. 84†
- Babirusa, Wild pig of Celebes, VIII. 387
- Babylon, Early Commerce with India: J. Kennedy, XI. 683†
- Babylonia—
- Alte Landschaft Babylonien nach den Arabischen Geographen: M. Streck, XVII. 675†; Babylonien: J. C. Sundberg, IX. 461†; Nippur, or Explorations . . . on the Euphrates: J. P. Peters, XI. 92†; Recent Discoveries: A. H. Sayce, IX. 236†; Ueberschätzung der Anbaufläche Babylonien und ihr Ursprung: H. Wagner, XX. 244†, 668†
- Babylonians and Assyrians: A. H. Sayce, XV. 303†
- Bach, R.: Der Golddistrikt am Yukonflusse, XI. 316†; Die Canadische Expedition zur Hudsonbai, XII. 212†; Labrador, IX. 341†; Notes on Visit of, to Catuquinaru Indians: G. E. Church, XII. 63; Reise durch Neufundland, XI. 96†
- Bache, A.: Peat fuel in Scandinavia, XIX. 395†
- Bachem, Kom.: Fahrt in den Bimbia-Fluss und Reise von Kamerun, VII. 113†
- Bachmann, F.: Port Los Angeles, XV. 553†
- Baeler d'Albe, L. A. G. (1761-1824), un Général topographe: Jung, XI. 688†
- Bacoli, Italy, X. 417
- Bacon, G. W.: Commercial and Library Atlas of the World, I. 192†; Excelsior Atlas of Africa, VIII. 656†
- , Rev. J. M.: Balloon as instrument of scientific research, XIII. 571†; Climate and Atmosphere, XV. 444†; Fogs and their Teaching, XVI. 257†; Scientific Ballooning, XIII. 100†
- , R. H.: Benin, the City of Blood, XI. 94†
- Bacteria as they are related to the economy of nature, etc.: G. Newman, XVI. 706†
- Baddeley's Guides (M. J. B. Baddeley and C. S. Ward)—
- Bath and Bristol and Forty Miles Round, XIX. 767†; Derbyshire, etc., IV. 468†; N. Devon and N. Cornwall, VIII. 529†; XVI. 574†; S. Devon and S. Cornwall, XX. 553†; IX. 458†; X. 453†; XI. 89†; XIX.

BAEDEKER

- 104†; E. Counties, XIV. 332†; English Lake District, V. 604†; XVI. 363†; XX. 554†; Ireland, VI. 483†; X. 454†; XVIII. 104†; XX. 554†; Scotland, Part I, XVI. 364†; The "Lowlands," IV. 186†; N. Highlands, IV. 375†; Surrey and Sussex, IX. 337†; N. Wales, V. 604†; XIII. 676†; XV. 78†; XX. 352†; S. Wales, XVI. 574†
- Baddeley, M. J. B., and E. D. Jordan: Black's Guide to the Clyde River and Firth, XI. 309†
- Bade, Capt.: Arctic Expedition, XVI. 356
- Baden—
- Density of population in Grand Duchy of: L. Neumann, I. 180†; Veränderungen der Volksdichte im nördlichen Baden: K. Uhlig, XIV. 89 §, 222†
- Badenoch, G. R.: Australasia in 1898, XI. 686†; Crown Colonies in Asia in 1898, XII. 429†
- Baden-Powell, B. F. S.: A trip heavenward, VII. 119†; In savage isles and settled lands, I. 88†
- , B. H.: Study of the Dakhan villages, X. 119†; Village of Goa in the sixteenth century, XVI. 123†
- , Sir G.: Hope for the West Indies, XI. 319†; obituary, XIII. 77
- , R. S. S.: Campaign in Rhodesia, XI. 684†; Downfall of Prempeh, VIII. 190†; XVI. 367†; Matabele campaign, 1896, X. 340†; XVI. 249†
- Badjan-Dara, river; Afghanistan, XVI. 676
- Bad Neuheim and its thermal salt springs, Geology of: A. V. Jennings, XVI. 571†
- Baedeker, K.: Handbooks—Alps, VI. 192†; XIV. 674†; Austria, including Hungary, etc., VIII. 147†; XV. 77†; Belgium and Holland, IV. 468†; X. 338†; XVIII. 225†; Dominion of Canada, with Newfoundland, IV. 377†; XV. 298†; Egypt, V. 182†; XI. 313†; XIX. 399†; N. France, IV. 84†; XIII. 675†; S. France, including Corsica, XX. 551†; S. E. France, XII. 321†; S. E. and S. W. France, VI. 193†; N. Germany, X. 118†; XVI. 483†; S. Germany, VI. 579†; XIX. 649†; Great Britain, IV. 468†; X. 454†; XVIII. 634†; Greece, II. 561†; Italy, I. 563†; IX. 233†; XIII. 556†; C. Italy and Rome, XV. 293†, 434†; London and environs, III. 69†; VIII. 414†; XII. 626†; XVI. 574†; XX. 351†; Norway, Sweden, and Denmark, VI. 194†; XIV. 224†; Palestine and Syria, III. 70†; XIII. 215†; Paris and environs, IV. 374†; VIII. 527†; XVI. 361†; Rhine from Rotterdam to Constance, VIII. 528†; XVI. 365†; La Russie, Manuel du

BAESSLER

- Voyageur, XX. 552 †; Russland, XIX. 228 †; St. Petersburg und Umgebungen, XVIII. 633 †; Spain and Portugal, XII. 94 †; Switzerland, II. 378 †; VI. 294 †; X. 453 †; United States, with Mexico, I. 568 †; XIII. 565 †
- Baessler, A.: Ancient Peruvian Art, XX. 531 §
- Baffin Bay, Climate: R. S. Tarr on, X. 442

—— Land—

- Evidences of Recent Elevation of: T. L. Watson, IX. 466 †; glaciation, VIII. 643; Photographs: R. Bell, XIX. 119; Survey, with short description of the Country: R. Bell, XVIII. 25*, 646 †
- Bafra, Asia Mi., III. 328
- Bafum country and tribe, W. Africa, XIV. 633
- Bagamoyo; Bericht über eine Reise in Hinterland von: J. Stuhlmann, V. 182 †
- Baganda tribe, Uganda, XIX. 21
- Bagdad—
- Baghdad during Abbasid Caliphate: G. Le Strange, XVII. 551 †; Bagdadbahn: Haupt. Immanuel, XX. 244 †; F. Schaffer, XX. 244 †; W. Wyneken, XV. 296 †; F. Oppenheim's journey from Damascus, VII. 548, 658; Trade (Foreign Office Rep.), XVI. 698 †; XIX. 106 †; (and Bussorah,) Trade (Foreign Office Rep.), XV. 81 †
- Baghajik, Karia, IX. 49
- Bagnoli, mineral springs, X. 434
- Bagren, Hadramut, III. 198
- Bagrot valley, Himalayas, II. 293
- Bagshaw cave, Derbyshire, X. 508
- Baguales mts., Patagonia, X. 405
- Bagwe river, W. Africa, X. 242
- Bahamas—

- The: Sir W. Robinson, XV. 668 †; Photographs: Coonley, Davenport, and Mancel, XIX. 539; Pita Plant, Notes on Planting of the (Colonial Rep.), XVII. 325 †; Report, 1898 (Col. Reports), XV. 299 †; 1899, XVII. 324 †; 1900, XIX. 235 †; 1901, XX. 671 †; Sisal Industry: D. Morris, VII. 566 †

Bahdinan district, Kurdistan, III. 88

Bahia, city and state, Brazil—

- As Riquezas naturais do Estado da: C. M. de Souza, XIII. 324 †
- Bahia and Rio de Janeiro cable interruptions, X. 268
- Descoberta das Layras Diamantinas na Bahia: G. Pereira, XIV. 462 †
- Descrição da Bahia de Todos os Santos: S. de Vasconcellos, XIV. 462 †
- Limites entre os Estados da Bahia e Espirito-Santo, IX. 342 †
- Memoir of State of: T. V. Vianna and J. C. Ferreira, VI. 583 †

BAILI RIVER

Bahia—continued.

- O Digue da Bahia: J. F. da Silva Lima, XIV. 462 †
- Riqueza Mineral do Estado da, XI. 202 †; XII. 436 †; XIV. 462 †
- Trade (Foreign Office Rep.), XIV. 462 †; XVI. 584 †
- Zona Austral da Bahia: S. Oliveira, IX. 342 †
- Bahia Blanca, Argentine, XVII. 398
- Ba-hima tribe, Uganda, XVII. 41; XIX. 25
- Bahler, A.: Das Pommat . . . im Tessin, XV. 190 †
- Bahnsen, K.; biography: H. Stolpe, IX. 686 †
- Bahrein, X. 592; Ancient Trading Centres of the Persian Gulf: A. W. Stiffe, XVIII. 291*; site and history, IX. 311
- Bahr-el-Gebel: see Bahr-el-Jebel
- Bahr-el-Ghazal (province and river), XIII. 2; XVII. 145; XVIII. 399; boundary agreements, XIII. 527
- Bahr-el-Ghazal et ses habitants: J. Servigny, XII. 633 †
- Congo State and the: E. P. Morel, XIX. 232 †
- Dans le, XIII. 322 †
- Dans les marais du: Baratier, XIII. 562 †
- France an: H. Pensa, XIII. 92 †
- Le Bahr-el-Gazal, XV. 297 †
- Mission Marchand dans le, XIII. 92 †
- New Light on the Bahr-Gazal Frontier: J. T. Wills, XIII. 92 †
- Notions générales sur la province, etc.: A. H. Dyé, XX. 557 †
- Photographs of region of: H. M. Hughes, XX. 570
- Bahr-el-Jebel, XVIII. 399; "sudd," XV. 234
- Bahr-Sara, La Région du: C. Maistre, XX. 558 †
- Baia, Italy; mineral springs, X. 433; volcanoes, X. 415, 419
- Baikal, Lake—
- Chart of S. portion, XIX. 245 †; explorations, XI. 429; (Drizhenko), IX. 663; XI. 143; XVIII. 619; XIX. 754; (Drishchenko's Erforschung des Baikalsees): J. Pech, XI. 92 †; (Obrucheff), XVIII. 86; Railway communication, III. 58; XIV. 317; Temperatur und Bevölkerung am Ufer des: A. Woeikof, XV. 664 †
- Bailey, F.: Forestry in India, X. 473; XI. 90
- , F. M.: Notes on vegetation of New Guinea, XIV. 463 †
- , H.: Travel and Adventures in Congo Free State, IV. 282 †
- , L. W.: Mineral Resources of New Brunswick, XV. 195 †; Some Nova Scotian illustrations of dynamical geology, IX. 682 †
- Baili river, Congo, XVII. 73

BAILLAIRGE

- Baillairge, G. F.: Memoranda; Canada from the Atlantic to the Arctic, *Voyages of Discovery*, etc., XX. 358 †
- Baillaud, E.: Explorations on Niger, XVI. 227; *La Compagnie Royale du Niger et son évolution*, XII. 633 †; *Les territoires français du Niger, leur valeur économique*, XVI. 477 §, 488 †
- Baillie, A. G.: Republic of Paraguay, VI. 97 †
- Bain, H. F.: Sketch of Geology of Mexico, X. 456 †
- , R. M.: Armenian Description of Holy Places in the seventh century, VIII. 651 †; Finland and the Tsar, XIV. 112 †
- Baines, J. A.: Census Notes, XVIII. 649 †; Distribution of Population in India, I. 242 *, 469 †; III. 26; XVIII. 455 †; Industrial Development of India, XVI. 365 †; On Census-taking and its limitations, XVI. 131 †; Recent course of trade within British Empire, XI. 689 †; remarks on "Acclimatization of Europeans in Tropical Lands," XII. 603; on "Influence of Geographical Conditions," etc., XII. 586; Third Decennial Report, etc., of India, III. 506
- Bairan Ali: ruins of Old Merv near, IV. 361
- Baird glacier, Alaska; Photo-topographical method of surveying: O. Klotz, VI. 489 †
- Bai-shan-kul, C. Asia, VI. 79
- Bait Rudaida, Oman, XVIII. 487
- Bakairi Language: K. von den Steinen, I. 471 †
- , tribe, Mato Grosso, III. 238
- Bakalahari tribe, S. Africa, III. 237
- Bakel, Reconnaissances au nord de: Imbert, XI. 454 †
- Bakele tribe, Congo, IX. 560
- Baker, C. C.: How to cultivate the "Bump of Locality," VI. 398 †
- , F. C.: Mollusca of the Chicago Area, XVI. 583 †
- , G. P.: remarks on "Exploration in the Canadian Rockies," XIII. 355; XVII. 271
- , J.: Pictures from Bohemia, IV. 575 †
- , M.: A century of Geography in U.S., XII. 106 †; Alaskan Boundary, VIII. 419 †; Anglo-Venezuelan Boundary, XVI. 254 †; Geographic dictionary of Alaska, XX. 669 †; Geographical research in U.S., XI. 52 †; An Undiscovered Island off N. Coast of Alaska, II. 281 †; Lost boundary of Texas, XIX. 529 †; Geographical work of U.S. Geological Survey, IV. 147 †; Sarichef's Atlas, 1826, XX. 252 †; Survey of N.W. boundary of U.S., XVIII. 552 †; Surveys in district of Columbia, V. 90 †, 487; U.S. Geological Survey, VI. 252

BALDACCI

- Baker, M. S.: Lava Region of N. California, XIV. 683 †
- , Sir Samuel: VI. 73; Memoir: T. D. Murray and A. S. White, VI. 73 §, 101 †; obituary: E. G. Ravenstein, III. 152
- , Sir Sherstone: Cabot and Discovery of Newfoundland, X. 460 †
- Baker Channel, Patagonia, XVI. 204
- , Glacier, New Zealand, I. 41
- , Lake, Canada, IV. 446; XVI. 67
- , Rio, Chili, XIV. 96, 219; XIII. 663
- , Patagonia: *see* Las Heras
- Bakhtiari Country—Report of Reconnaissance in the: H. A. Sawyer, IV. 188 †
- , people, IV. 503
- , Hills, The: R. Burn, XI. 452 †; Bakhtiari mountains and Upper Elam: H. A. Sawyer, IV. 481 *
- Bakhuis, L. A.: Coppename expedition under, XVII. 433; XVIII. 625; XX. 656; Een grenskwestie, XX. 469 †
- Bako, Abyssinia, XVI. 558
- Ba-konjo, tribe, XIX. 38
- Baksan Glacier, journey to: J. Leontyeff, XI. 568 †
- Baksu Beleuli, C. Asia, XI. 664
- Baku; Besuch in der Petrolstadt: C. Schmidt, XII. 630 †; population, IX. 658; X. 199; Russian petroleum trade, XX. 354 †; Statistical description, XI. 428
- Bakuba tribe, C. Africa, V. 429
- Ba-Kubabe tribe, W. Africa, X. 212
- Bala lake, N. Wales, XVI. 679
- Balena and Active: *see* Antarctic, Exploration
- Balagans of Karaga in Kamchatka, XII. 286
- Balarti, E. Africa, IV. 101
- Balat, Mysia, IX. 269, 273
- Balaton, Lake: *see* Plattensee
- Balch, E. S.: Antarctica, XVIII. 339 †; Ascents near Saas, X. 226 †; Evaporation underground, XIX. 780 †; Glacières or Freezing Caverns, XVI. 373 †; Ice-Cave hunting in C. Europe, X. 546 †; Formation of ice-caves, IX. 670, § 685 †; Mountain exploration, II. 283 †; Reminiscences of Tyrol, XII. 91 †; Subterranean ice deposits in America, XIII. 686 †
- , T. W.: Alasko-Canadian Frontier, XIX. 773 †; Some facts about Alsace and Lorraine, VI. 193 †
- Baldacci, A.: Gli Albanesi nel Montenegro, XII. 428 †; L'Italie e la questione Albanese, XVIII. 228 †; Itinerari Albanesi, XI. 193 †; XVI. 574 †; La lingua italiana in relazione al nostro commercio nell' Albania e nell' Epiro, XVII. 543 †; Nel Montenegro Sud-Orientale, XX. 239 †; On botanical geography of Albania and Epirus, X. 323, 346; Pflanzengeographische Karte

BALDAUF

- von Mittel-Albanien und Epirus, XI. 89 †; Un' escursione archeologica del R. Paribeni nel Montenegro, XIX. 391 †; Vromonero e le sue acque solfuree, XI. 308 †
- Baldauf, S.: Journal de route du Bas Manambovo à Tuléar, XX. 468 †
- Baldivieso, P.: Informe que presenta al Señor Ministro de Colonización, etc., X. 341 †
- Baldwin, E.B.: Arctic Expedition, XVIII. 217, 447; XX. 6, 344, 434; Auroral observations, Franz Josef Land, XVIII. 555 †; Meteorological observations of second Wellman Expedition, XV. 301 †
- D. D.: Catalogue of . . . Shells of Hawaiian Is., III. 74 †
- Baldwin-Spencer expedition to N. Australia, XVII. 664
- Balearic Is.—Exploraciones espeleológicas de E. A. Martel en Baleares y Cataluña, XIII. 676 †; Photographs: F. Sternberg, XV. 679
- Balegga tribe, C. Africa, VII. 273
- Balfour, A. F.: deepest ocean sounding obtained by, VI. 477; VII. 318
- , Alice B.: Twelve hundred Miles in a Waggon, VII. 332 †
- , Rt. Hon. A. J.: remarks on National Antarctic Expedition, XIV. 199
- , Gen. Sir G.: obituary, III. 524
- Balfour mts., New Zealand, I. 35
- shoal, J. Murray's paper on, X. 100; Submarine elevation in the Coral Sea: J. Murray, IX. 583 †
- Bali, W. Africa; altitude, etc., X. 393, 397
- Is.—Dagverhaal van eene reis van den resident van Bali en Lombok, XVIII. 340 †; Islands of Bali and Lombok: J. B. Carpenter, IX. 461 †
- river, Congo basin, MM. Frédon and Cadenat's exploration of, XVIII. 535
- Balia Maden, Asia Mi.; ancient town near, IX. 275
- Baliburg, Kamerun, I. 357
- Balikesiri, Asia Mi., Il terremoto di: G. Agamennone, XV. 437 †
- Balik Papan bay, Borneo, XVI. 474
- Balingos, C. Africa, XVII. 73
- Baljuan, Bokhara, XIV. 602
- Balkan Peninsula** (*see also* Europe, S.)—Austrian explorations, XIII. 301
- Balkans, Roumania, etc.: W. Miller, IX. 103 †
- Begleitworte zu den Blättern der General-Karte . . . der Balkan-Halbinsel: V. Haardt, XII. 426 †
- Centralbalkan, Ueber seine Wanderung im: W. Goetz, XVII. 543 †
- Cettinje to Nijni Novgorod, etc.: L. de Launay, III. 249 †
- Eiszeit auf der Balkanhalbinsel: A. Penck, XVII. 84 †
- Ethnographie der Balkanhalbinsel: R. von Mach, XIV. 329 †

BALL**Balkan Peninsula—continued.**

- Forme de la péninsule des Balkans: J. Cvijić, XVII. 84 †
- Forschungsreisen auf der Balkan-Halbinsel: J. Cvijić, XX. 238 †
- Frage der Vergletscherung des Central-Balkan: W. Goetz, XVI. 569 †
- Geographischen Namen der Balkanhalbinsel: J. Levačić, XVII. 543 †
- Göriz à Sofia: Pimodan, I. 562 †
- High-level Meteorological Station, VII. 544
- Lands and Peoples of: H. Callan, XII. 91 †
- Lingua italiana in relazione a nostro commercio nell' Albania e nell' Epiro: A. Baldacci, XVII. 543 †
- Maps—Generalkarte der Südost-Europäischen Halbinsel: H. Kiepert, IX. 584; Karte der Balkan-Halbinsel: Scheda, IX. 690; Karte der Schul-sphären der türkischen Balkan-Halbinsel: R. von Mach, XIV. 126 †; Map (Service Géol. de l'Armée), XVII. 99 †
- Morphologische und glacielle Studien aus Bosnien, der Hercegovina und Montenegro: J. Cvijić, XVI. 483 †
- Nationalen Bestrebungen der Balkan-völker: G. Weigand, XI. 679 †
- Période glaciaire dans la péninsule des Balkans: J. Cvijić, XVI. 483 †
- Railways—Auf Transbalkanbahnstudien: F. Meinhard, XIII. 554 †; Balkanbahnen in ihren Beziehungen zur Bagdadbahn: F. Meinhard, XX. 238 †
- Russische Triangulierung auf der Balkanhalbinsel: S. Truck, XII. 426 †
- Snow-line during glacial epoch, J. Cvijić, XIII. 655
- Structure of, J. Cvijić on: K. Peucker, XIX. 735
- Toula and Cvijić's researches in, IX. 87
- Travels and politics in the Near East, XIII. 210 †
- Vegetations-Verhältnisse der illyrischen Länder begreifend Südkroatien, Dalmatien, etc.: G. R. Beck von Man-nagetta, XX. 551 †
- Balkash lake, Trip to: R. P. Cobbold, XIII. 559 †
- Ball, E. A. Reynolds: *see* Reynolds Ball
- , J.: Hints . . . for Travellers in the Alps, XIV. 109 †
- , and W. Coolidge: Alpine Guide; W. Alps, XII. 320 †, 573 *
- , J.: Kharga Oasis: its Topography and Geology, XX. 527 †; Topographical and geological results of reconnaissance-survey of Jebel Garra and Oasis of Kurkur, XX. 669 †
- , L. C.: Report on Hamilton and Coen Gold Fields, XX. 361 †; Jordan Creek Gold Field, XX. 361 †

BALL

- Ball, Sir R.: *Atlas of Astronomy*, I. 95 †
 —, V.: *Limits between Geology and Physical Geography*, II. 530 †; *Volcanoes and Hot Springs of India, etc.*, III. 346 †
 Ballagh, J. C.: *White Servitude in Virginia*, VII. 216 †
 Ballantine: *Journey in Br. New Guinea*, XVI. 107
 Ballard, G. A.: *Protection of commerce during war*, XII. 104 †
 Ballay, Dr.: *obituary*, XIX. 646
 Balleira bay, Costa Rica, X. 61
 Ballesteros, S. L.: *A traves del Amazonas*, XV. 554 †; *La Provincia de Caupolicán y el Decreto Supremo sobre la creacion del Territorio Nacional de Colonias*, XIX. 236 †
 Balleny I., Antarctic, V. 586; XVI. 382; XVII. 480
 Ballif, P.: *Wasserbauten in Bosnien und der Hercegovina*, VII. 438 †
 Ballivian, J. A.: *Comision Boliviana Demarcadora de Limites con el Brazil*, XX. 671 †; *Relaciones Geograficas de Bolivia*, XI. 571 †
 —, M. V.: *Apuntes sobre la industria de la Goma Elastica . . . el Departamento del Beni*, IX. 108 †; *F. Bandelier (biography)*, XV. 446 †; *Bolivian rubber industry*, IX. 448; *Demarcacion de Limites con los Estados Unidos del Brazil*, XII. 101 †; *Diarios del . . . el departamento del Beni*, IX. 108 †; *Estudios de orografia Andina*, XVI. 584 †
 —, and P. Kramer: *Tadeo Haenke*, XII. 440 †
 —, and B. Saavedra: *El cobre en Bolivia*, XII. 635 †; *El estano en Bolivia*, XVI. 584 †
 —, y J. Zarco: *El oro en Bolivia*, XII. 635 †
Ballooning—
Aéronatique maritime; la traversée du "Méditerranéen." Cte. H. de la Vaulx, XIX. 534 †
Aeronautical work, paper on: L. Hargrave, IX. 346 †
 Bacon, Rev. J. M.: *Balloon as instrument of scientific research*: XIII. 571 †; *Scientific Ballooning*: XIII. 100 †
 Ballons à déviateurs, Les: H. Hervé, XIII. 571 †
 Ballons-sondes, Les: A. Bonquet de la Grye, XIII. 688 †; *Sur la troisième ascension internationale des ballons-sondes*: E. Stelling, XI. 457 †
Bedeutung wissenschaftliche Ballonfahrten: L. Sohneke, IV. 346 †; Do.: O. Baschin, IX. 115 †
 Berson, A.: *Ascents*, VI. 188; XVIII. 628; *Balloons in geographical work, use of*, VII. 541 †; *Geographisches aus dem Luftballon*, VII. 448 †

BALTA**Ballooning—continued.**

- Contribution à la bibliographie de la locomotion aérienne*: A. Wouwermanns, VII. 223 †
De Genève à Cercier en Ballon: A. de Claparède, XI. 575 †
Dritte internationale Ballonfahrt am 1897: E. Stelling, XIII. 100 †
Experiments in France by Besançon and Hermite, VI. 478
Gewitterstudien auf Grund von Ballonfahrten: L. Sohneke, IX. 112 †
Internationale Ballonfahrt: H. Hergesell, X. 343 †; XIV. 124 †; *Erste Konferenz der Internationalen aeronautischen Kommission*: F. Erk, XII. 547 †; *Konstruktion von Höhenkarten aus Ballonaufnahmen*: S. Finsterwalder, XVII. 97 †
Navigation aérydrique, etc.: G. L. Pesce, X. 343 †
Phénomènes physiques et chimiques de la respiration à différentes altitudes: Tissot et Hallion, XIX. 534 †
Polar exploration—
Andrée's expedition: see Arctic, exploration: *Die Polar-Forschung mittelst Luftballons*: H. Moedebeck, VI. 585 †; *Expeditions aérostatiques au Pole Nord*: H. de Graffigny, IX. 466 †; *Rapport sur le projet d'expédition en ballon aux régions polaires*: Faye, VI. 585 †; *Un projet d'exploration polaire aéronautique*: C. Rabot, VI. 585 †
Résultats des ascensions des trois ballonsondes: L. T. de Bort, XII. 441 †
Sahara, projected voyage across, XII. 317
Sur les trois ascensions françaises. Note de Hermite et Besançon, X. 343 †
Sur un voyage aérien de longue durée: G. Hermite, XIV. 689 †
Trip Heavenward: B. F. S. Baden-Powell, VII. 119 †
Wissenschaftliche Luftfahrten: G. Greim, XVII. 218 †
 Ballore, F. de: *Description sismique de l'Empire Russe*, XVI. 694 †; *Les tremblements de terre de plissement dans l'Erzgebirge*, XIX. 649 †
 Ballyeroy, *Ethnography of*: C. R. Browne, IX. 458 †
 Balmaeda lake, Patagonia, XIV. 254
 Balme, La grotte de la: E. A. Martel, XV. 546 †
 Balquhider, *Place-names of*: Mrs. Carnegie, IX. 238 †
 Balochis, *The Northern*: O. V. Yates, VII. 110 †
 Balta, J.: *Ensayos sobre la Geologia del Perú*, XVIII. 235 †; *Observations . . . un viage a Carabaya*, XI. 100 †; *Un efecto geodinámico de la corriente antártica Americana*, XIII. 98 †

BALTIC SEA AND REGION

Baltic Sea and Region—

- Baltic Fleet of 1855, Reminiscences of: W. G. Don, V. 400 †
- Islands—Relations of Chalk and Drift in Möen and Rügen: T. G. Bonney and E. Hill, XIV. 674 †
- Lake-plateau: W. Ule's investigations, I. 61, 82 †; Orography and hydrography of: A. Bludau, III. 529 †
- Lakes, W. Ule's observations on temperature, I. 546; III. 435 †
- Baltic Pilot, part 1, VIII. 187 †; part 2, IX. 573 †
- Baltischen Hohenrückens, Thal- und Seebildung im Gebiet des: Keilhack, XIV. 222 †; XV. 434 †
- Baltische Strom und der Salzgehalt im Kattegat und im westlichen Theile der Ostsee: M. Knudsen, XVIII. 555 †
- Beitrag zur physikalischen Erforschung der Baltischen Seen: W. Ule, XI. 565 †
- Bruyères préhistoriques des pays baltiques, XIV. 676 †
- Distribution of Letts in the Present Time and in the 13th Century: A. Bielenstein, II. 277 †
- Erneuerung der unteren Wasserschichte in der Ostsee: M. Knudsen, XVII. 563 †
- Entstehung der Ostsee: R. Credner, VII. 220 †
- Evolution of: R. Credner on, VII. 425 §
- Glacier, The Last Great: J. Geikie, X. 450 †
- Hydrographic research—German, XIX. 83; Resolution by Congress on, VIII. 293; Recent research in North and Baltic Seas, XII. 639 †; Swedish do.: O. Pettersson, V. 184 †; Hydrographie . . . der Ostsee: G. Schott, VII. 448 †
- Instructions for sailing from Kronstadt to Vladivostok and return, XIX. 765 †
- Lighthouses, etc., of Russian Empire along Baltic coast, XI. 566 †
- Mittelwasser der Ostsee: A. A. Westphal, XVI. 484 †; XIX. 407 †
- Notes on drifts of Baltic coast of Germany: T. G. Bonney and E. Hill, XVII. 544 †
- Observations on density, etc.: A. Schück, II. 567 †
- Ostersjöns djurgeografi, Ett bidrag till: J. G. Andersson, XIX. 765 †
- Over de Oostzee en hore beteekenis voor Handel en Scheepvaart: W. Toose, XIII. 87 †
- Physical explorations in: O. Krümmel, IV. 382 †; Zur Physik der Ostsee, VI. 395 †
- geography of Litorina Sea: H. Munthe, VI. 395 †
- Physikalischen . . . Eigentümlichkeiten der Ostsee: Rein, XIV. 674 †

BALUCHISTAN

Baltic Sea and Region—continued.

- Plankton des Baltischen Meers: C. Aurivillius, IX. 112 †
- Quartärlagerungen in südbaltischen Gebiete, Studien über ältere: H. Munthe, XI. 447 †
- Russian charts, XII. 646 †
- Sea-level observations, VIII. 296
- Skizze der neueren physikalischen Expeditionen in der Ostsee: O. Krümmel, V. 609 †
- Swedish hydrographic research: O. Pettersson, IV. 382 †
- Temperature, XI. 613
- Ueber die Ostsee und ihre Entstehung: R. Credner, VI. 586 †
- Variations in Level, II. 262
- Water-way between Baltic and Black Sea (Foreign Office Rep.), Woodhouse, XVI. 555 §; XVII. 207 †
- "Yermak" ice-breaker in, XV. 42
- Baltimore—Baltimore and Ohio Railroad, Economic History: M. Reizenstein, XII. 542 †; Do., Route, XIII. 523; City Government: T. T. Thomas, VII. 444 †; S. American Trade: F. R. Rutter, XII. 542 †; Topographical Survey, Report, VI. 197 †
- Baltistan—Amid the Snows of: F. Bullock-Workman, XVII. 550 †; Big game of Baltistan and Ladakh: F. Adair, XVII. 550 †; Two pioneer ascensions in: F. Bullock-Workman, XV. 663
- Baltit, polo at, VIII. 21
- Baltoro glacier, C. Asia, II. 300
- Balu Chaung river, Shan States, VII. 579
- Baluana and Balenje tribes, Zambezi, XXIII. 73
- Baluba tribe, C. Africa, III. 418; V. 431
- Baluchistan—
- Desert, IX. 403; Inhabitants, XVII. 469; Surveys, II. 153; III. 515; VI. 27; XII. 607; Unexplored Areas, II. 490
- Geological Sketch of Baluchistan Desert, and part of E. Persia: E. Vredenburg, XIX. 395 †, 632 §
- Northern Balochis, The: O. V. Yates, VII. 110 †
- Photographs: G. P. Tate, XIV. 352; A. C. Yate, X. 236
- Quetta to Meshed, etc.: Earl of Ronaldshay and E. Penton, XX. 70 *, 80 *
- Southern, ethnographical conditions of, VII. 388
- View showing distortion of rails caused by earthquake between Sanzal and Old Chaman, II. 480 †
- Volcanic and other rocks, Notes on, etc.: C. A. and A. H. McMahon, X. 455 †
- and Afghanistan, Orographic Map: Sir T. Holdich, XVI. 527 *; Baluch-Afghan Boundary Commission, V. 271; IX. 393; XI. 59; Note on Botany of: F. P. Maynard and D. Prain, IX. 680 †; Volcanoes of frontier, X. 588

BALUKISER

- Balukiser, Mysia, IX. 163, 167
 Balzac, J., on Nemensha country, XIV. 208
 Balzan, L.: Da Trinidad a S. Cruz de la Sierra e Corumbá e ritorno al Paraguay, V. 91†; Da Villa Bella a Trinidad, III. 534†
 Bam, Persia, XIX. 138
 Bamboo, utility of, IX. 11; Bambous, Repartition géographique, etc.: C. Rivière, XX. 364†
 Bámpur, Makran, X. 221
 Ban Law ferry, Mekong river, VII. 585
 Bana, Persia, VI. 456
 Banana, uses of, VI. 304; Bananas and Plantains, summary of information, IV. 472†; Bananas of Costa Rica, X. 80
 Banani; transition from Slavery to Freedom in Zanzibar and Pemba: H. S. Newman, XII. 541†
 Banat, Die Schwaben im: M. Braess, XII. 624†
 Banchi or poll tax, Trengganu state, IX. 18
 Banck I., Antarctic; Moraine on, XVIII. 373
 Band, ancient town: Afghanistan, VII. 673
 Banda I. and Sea, XVI. 111, 550
 ——— tribe, C. Africa, VII. 428
 Bandama river, W. Africa, VIII. 177; Exploration do.: J. Eysséric, XII. 210†
 Bandan, Persia, XX. 82
 Bandar Abbas, Persian Gulf, XVI. 211
 Bandassi village, C. Africa, position, VII. 429
 Bande, Sierra Leone, IV. 130
 Bandelier, A. F.; biography: M. C. Ballivian, XV. 446†; work in Bolivia, XIV. 23
 Bandon Bight, Siam, XI. 472
 ——— Province, XI. 475
 Bane-Bule Expedition, Bericht über die XIII. 93†
 Banff and Aberdeen, History of: W. Watt, XIV. 662†
 Bangala tribe, C. Africa, V. 428
 Banggai en Soela-eilanden, Reis naar de: D. W. Horst, XVII. 674†
 Bangkok: O. E. Ehlers, VII. 678†; Directory for Siam and, I. 182†; Route from, to Tavoy, VI. 401; Trade (Foreign Office Rep.), XVII. 448†; XIX. 106†
 Bangs, O.: An important addition to fauna of Massachusetts, IX. 579†; Geographical distribution of cotton-tail, etc., VII. 334†; Land mammals of peninsular Florida, etc., XII. 435†
 Bangweulu lake, X. 300; XV. 230; XX. 426; D. Crawford's visit, XI. 180; desiccation, VII. 368; exploration, XII. 415; Map, H. Singer on, XIII. 72; meaning of word, VII. 378; origin of name, A. Sharpe's theory, II. 551; survey; P. Weatherley, IX. 325, 444; XIV. 319, 561; Bangweolo and the Unex-

BARBADOES

- plored Region of Br. C. Africa: J. Thomson, I. 97* Circumnavigation of: P. Weatherley, XII. 4, 241*, 631†
 Banjaluka, population, VI. 383
 Banjaia tribe, C. Africa, VII. 428
 Banka I.—Bijdrage tot de Kennis der eilanden Banka en Blitong: H. Zondervan, XVII. 89†; Tin-mines of: L. J. Zelle, III. 251†
 Banks, Sir J.: Journal of, ed. Sir J. D. Hooker, IX. 117†, 330\$
 ——— and D. Solander: Illustrations of Botany of Capt. Cook's Voyage round the World, XVI. 254†; XVIII. 337†
 Banna, Wadi; S. Arabia, XII. 43
 Bannerman, mt., W. Australia, XI. 272
 Banning, E.: A. J. Wanters, XII. 546†; Notice sur: Brialmont, XVIII. 648†
 Bannister, H. M.: Drift and geologic time, X. 206†
 Bannwaldsee, depth, etc., VII. 199
 Banpara, Ein Ausflug nach: S. E. Peal, XIV. 114†
 Bantu tribes, I. 308; IX. 392; XII. 364; XIII. 393; XIX. 16; Grundriss einer Lautlehre der Bantusprachen: C. Minhof, XV. 296†; Notes and Vocabularies: H. Chatelain, III. 348†; population, VI. 184; town, III. 470
 Baoulé, Notes sur le: M. A. Nebout, XVII. 554†
 Baptista Agnese, and American cartography in the sixteenth century: J. Winsor, X. 460†
 ———, J. R.: Africa-Oriental, Caminhao de Ferro da Beira a Manica, III. 161†
 Baptiste, W.: on Geography and army entrance examinations, III. 148
 Bara river, Tirah, XII. 338
 Barabra, Les: E. Chantre, XIX. 772†
 Baraillier, A.: Journey to Andamarca and Pangon, II. 171
 Baram district, Borneo, XVI. 39, 53; journey to Mt. Dulit and Highlands of Borneo: C. Hose, I. 193*
 Baramba falls, Br. Guiana, V. 343
 Baratie: Dans les marais du Bahr-el-Ghazal, XIII. 562†
 Baratta, M.: A proposito dei "Mistpoeffers" italiani, XIX. 650†; Il grande terremoto indiano, XI. 104†; Materiali ... fenomeni sismici avvenuti in Italia, XI. 192†; Osservazioni fatte al Vesuvio, X. 453†; Paolo dal Pozzo Toscanelli, XII. 105†; Sui terremoti della Romagna del 1781, X. 452†; Sulla distribuzione topografica dei terremoti in Italia, V. 279†; Do. nell' Umbria, XII. 625†; Sullo stato presente dei Vulcani eolici, XVI. 572†; Sul terremoto di Cagli, VIII. 188†
 Baravan Dagh, IX. 529
 Barbadoes—
 Diamond Jubilee Directory, etc.: S. J. Fraser, XI. 571†

BARBADOES

Barbadoes—continued.

- Elevated reefs, II. 545
 Globigerina marls of: G. F. Franks and J. B. Harrison, XIII. 217 †
 Reports, Colonial, XIV. 684 †, XVI. 702 †; XVIII. 643 †; XX. 671 †
 Barbary Coast: H. M. Field, III. 252 †
 Barbier, J. V.: De la nécessité de partager les feuilles de la carte du monde au 1: 1,000,000, IX. 684 †; Irrégularités orthographiques des noms de lieux, VII. 222 †; Projet de carte de la terre à l'échelle du 1: 1,000,000, V. 184 †; VIII. 194 †; IX. 582 †; Rapport sur la question des renseignements coloniaux, IX. 347 †; Rôle des voyageuses françaises, VII. 224 †
 —, Biography: C. Pfister, XIV. 124 †; XV. 446 †
 Barbot, J.: La Grotte des Capelans, VIII. 411 †
 Barbour, E. H.: Glacial grooves and striæ in S.E. Nebraska, XVI. 584 †
 Barcelona: Trade (Foreign Office Rep.), XVI. 694 †; Librería de Penella y Bosch, Catalogo, VIII. 533 †
 Barcanes, formation of, IX. 290, 307; shingle, XI. 639; snow (in Canada), XX. 150
 Barclay, Capt. H. V.: Au travers du continent Australien, XIV. 342 †; Easter I., XV. 443 †; Mission à l'île de Pâques, XIV. 342 †
 Barcones, E. M.: Estudios para una Nosologia Filipina, VII. 112 †
 Bardera, Somaliland, I. 218; XIV. 638
 Baren, J. van: Beschrijving van het schiereiland Letimor volgens W. Mickler, XVIII. 637 †; Description géographique de la Hollande, etc., XIX. 650 †; Over verweering en het ontstaan van bodemsoorten, XX. 130 †
 Barents, Centenaire de: H. Cordier et C. Rabot, XII. 330 †; chart of Spitsbergen, XV. 128
 — Sea, ice, XI. 338; Zhdanko on hydrographic researches, VII. 555
 — and Kara Seas, Visits to, etc.: H. Feilden, XI. 333 *
 Bariba people (Borgu), VI. 215; Au pays des Baribas: L. Vermeersch, XII. 326 †
 Bariloche pass, Discovery of: Capt. Barrios, XVII. 79; letters on: A. Bertrand, XVII. 440; F. P. Moreno, XVII. 204
 Barima river, Br. Guiana, V. 337
 Baring-Gould, E.: With note-book and Camera, XVI. 707 †
 —, S.: Brittany, XX. 551 †; Book of Brittany, XIX. 227 †; Deserts of S. France, IV. 576 †
 Baringo lake, E. Africa, II. 125; IV. 311; XIX. 8
 Bari tribe, upper Nile, XX. 617
 Barito river, Borneo, III. 515
 Barker, F. C.: Irrigation in Mesilla Valley, New Mexico, XII. 100 †

BAROTSE

- Barker, D. Wilson: *see* Wilson Barker
 Barkly, Mrs.: Among Boers and Basutos, III. 532 †
 —, Sir H., obituary, XII. 621
 Barlow, A. E.: Report on geology . . . of area included by Nipissing and Temiscaming map-sheets, XV. 440 †
 Barmouth, Sand-Waves at, XVIII. 170
 Barn Bluff Country, Notes on trip to: J. W. Beattie, XX. 562 †
 Barnes, H. T.: On some measurements of temperature of Lachine rapids, XIV. 229 †, 345 †; of river water opposite Montreal, XII. 217 †
 — et Holroyd: La Blue-John-Mine à Castleton, XVI. 695 †
 Barnett, E.: W. India Pilot, XV. 554 †
 Baro river, Abyssinia, XII. 316; XVI. 476; XVII. 500
 Baro-cyclonometer, XIV. 465
 Baroda district, Abyssinia, XVI. 297; XVIII. 268
 — Waterworks (India): J. Sadasewjee, IV. 376 †
 Barogil pass, Chitral, I. 52; VIII. 118
 Barometer, a new mountain aneroid, E. Whymper on, XIII. 79; Ein neues Barometer: K. T. Fischer, XVI. 493 †; Mercurial, Comparison of, with boiling-point thermometer: H. Hartl, II. 476 †; Portable mercurial: H. H. P. Deasy, X. 203 *
 Barometric Altitudes—
 Bemerkungen über die Schwere-Korrek-tionen der Barometerhöhen: H. Mohr, XVII. 681 †
 Barometric determination of heights: F. J. B. Cordeiro, XII. 438 †; T. W. Fowler, XIII. 567 †; XIV. 343 †
 I progressi della livellazione barometrica: B. de Benedictis, X. 459 †
 — Pressure, Diurnal Variation of: F. N. Cole, I. 283 †; Height of barometer in London: R. C. Mossman, XV. 662 †; Tables of, in Antarctic, XIV. 418; Weitere Beiträge . . . der täglichen oscillation des Barometers: J. Hann, XII. 638; † XIII. 460 †
 Baron, R.: Notes on economic plants of Madagascar, XIII. 680 †
 Barong village, C. Asia, III. 368
 Ba-Ronga de la baie de Delagoa: H. Junod, XI. 199 †; Les Ba-Ronga: H. Junod, XII. 326 †; Les Chants et les Contes des: H. A. Junod, XIII. 455 †
 Baron von Mueller lake, Australia, IX. 61
 Barotse, IX. 43; XVII. 585; plain and valley, IX. 126
 Béguin, E.: Au Barotse, XIV. 117 †
 Bertrand, A.: Expedition, VII. 426; Au pays des Ba-Rotse, XII. 301 §, 326 †; Expedition au pays des Barotse, IX. 341 †; From the Machili to Lialui, IX. 145 *; Voyage d'exploration, XI. 199 †; XII. 301 §, 326 †
 Coillard: Sur le Haut Zambèze, XII.

BAROTSE

Barotse—continued.

- 301 §; On the threshold of C. Africa, XII. 301 §
- Gibbons, A. St. H.: Explorations, VII. 662; Exploration and hunting in C. Africa, XII. 301 §; Explorations in Marotseland and neighbouring regions, XVII. 106*; XVIII. 327†; Journey in Marotse and Mashikolumbwe countries, IX. 121*: Marotseland and tribes of Upper Zambezi, XII. 325†; Photographs, IX. 472
- Quicke, F. C.: Supplementary Journeys, XVII. 129*
- Reid, P. C.: Journey up the Machili, IX. 143*
- Vegetation, temperature, and game, IX. 145
- Barpu glacier, Mustagh mts., II. 296
- Barranquilla, Commercial importance, VI. 386; Trade reports, VI. 386; XVIII. 644†
- Barranquitas, Amazons; population of, IX. 447
- Barrat, M.: Note sur les échantillons géologiques, etc., VIII. 93†; Ogôoué et Como, VIII. 531†
- Barré, H.: Les Colonies portugaises, XIV. 237†; Notes sur l'Empire colonial de l'Allemagne, X. 556†
- , L.: Atlas climatologique de l'Empire de Russie, XVIII. 104†
- , O.: La Géographie militaire et les nouvelles méthodes géographiques, XIV. 110†, 672§; La haute vallée de la Saône, XVII. 544†; Le relief de la forêt de Fontainebleau, XX. 551†; Quelques observations sur la région Parisienne orientale, XIII. 675†
- , P.: De l'Oubangui au Bahr-el-Ghazal, IX. 238†; Djibouti et Obock, XVI. 367†; La Belgique maritime, XIV. 576†; La Chine entr'ouverte, XVI. 122†; La conquête de l'Océanie par les nations européennes, V. 92†; La Houille dans les Colonies anglaises, XVIII. 343†; Le peuplement et la colonisation du Caucase et du Turkestan Russe, XX. 668†; Les chemins de fer asiatiques, XVII. 547†; Les chemins de fer océaniques, XVIII. 114†; Le Djerid Tunisien, XVIII. 111†; Les Etats-Unis d'Amérique et leur extension en 1899, XIV. 461†
- Barren Grounds of Canada; J. B. Tyrrell's Survey, III. 206; Expedition through: J. B. Tyrrell, IV. 437*; V. 269; Second Expedition, VI. 438*; VIII. 418; Natural resources of Barren Lands: J. B. Tyrrell, XIV. 119†; On Snowshoes to the: C. Whitney, IX. 341†
- Barren I.; Some early allusions to and Bibliography of: F. R. Mallet, VI. 96†
- and Narcondam Is.; D. Prain's observations, III. 234

BARTEK

- Barrère, H.: France; Carte des rivières navigables et des canaux; etc., XX. 566†; Map of Europe, XIX. 411†
- Barrett, C.: Essex; Highways, Byways, and Waterways, I. 466†; Somersetshire, do., III. 528†; Surrey, do., VII. 328†
- Barrett, Hon. J.: China, her History and Development, XVIII. 454†; Philippine Is. and their Environment, XV. 549†; Siam and its Neighbours, XIV. 582†; XV. 81†
- , R. L.: Sundal Drainage System in C. Norway, XVI. 572†
- Barrett-Hamilton, G. E. H.: Glimpses of Life in the Far North-East, XIV. 335†; Kamchatka, XIV. 226†
- and H. C. Jones; Visit to Karaginski I., Kamchatka, XII. 280*
- Barrier Reef, Great: see Great Barrier Reef
- Barrios, Capt.: discovery of Bariloche pass, XVII. 79, 204, 440
- Barrois; Le Pays dans l'Oeuvre d'Andrée Theuriot: P. Despiques, VI. 483†
- Barrois, T.: Researches into depth and temperature of Lake of Tiberias, III. 424
- , C.: Des divisions géographiques de la Bretagne, X. 225†
- Barron, A.: Report of department of Lands and Survey, New Zealand, XIX. 531†; XX. 221§
- , T. and W. F. Hume: Notes on geology of eastern desert of Egypt, XVIII. 109†
- Barros, J. de, Portuguese historian, IX. 196; account of Bartholomew Dias' voyage, XVI. 639
- Barrow, C. L.: remarks on "First Crossing of Southern Alps of New Zealand," VII. 501
- Barrow, Sir J.: Arctic work, VI. 34
- , J.: Sir C. R. Markham's remarks on death of, XIII. 85; obituary, XIII. 76
- Barrow, Cavenagh, and Warburton Ranges, Expedition to: H. Russel, XV. 648, 671†
- Creek, Baldwin Spencer's expedition to, XVIII. 537
- Point, Expedition, Ethnological Results of: J. Murdoch, III. 439†
- Barrows, D. P.: Colorado Desert, XVI. 582†
- Barry, Sir J. W.: Address on London streets, XIII. 452†; XV. 190†; Studies in Corsica, I. 278†
- , R. R.: Zwei Fahrten in das nördliche Eismeer nach Spitzbergen, etc., IX. 581†
- Barry Dock, Bristol, XII. 380
- Barsisä, Die Legende vom: I. Goldziher und Graf C. von Landberg-Hallberger, VII. 340†
- Bartek, L.: A népvándorlások inditookai

BARTENIYEFF

- és czeljai, XVIII. 242 †; Die ungarischen Städte als Centren der nationalen Bildung, XVIII. 103 †; Jellemvonások hazánk földrajzából, XX. 120 †
- Barteniyeff, J. P.: Copper Ore of river Talma, XI. 193 †
- Barter, C.: Notes on Ashanti, VIII. 652 †
- Barth, C. G.: Die von 1865–1895 erzielten Fortschritte der Kenntnis fremder Erdteile, etc., XII. 640 †
- , J. P.: De landschappen aan de Boven-Pinoh, XII. 96 †; Overzicht der Afdeeling Soekadana, X. 550 †
- , Land und Leute in Dahomey, III. 347 †
- Barthel, K.: on migrations of African tribes, VI. 468; Völkerbewegungen auf der Südhälfte des afrikanischen Kontinents, IV. 190 †, 578 †
- Barthélemy, Marquis de: Journeys in Annam, XV. 175; Le régime économique de la Côte d'Annam, XIX. 524 †; En Indo-Chine, XVIII. 636 †; Reconnaissance chez les Mois Stiengs, XVIII. 636 †
- Barthold, W.: Russische Arbeiten über Ostasien, XVI. 486 †; XVII. 208 †; Do., über Westasien, XVI. 579 †; XVII. 321 †
- Bartholomew, J.: obituary, I. 560
- , J. G.: Joseph Thomson, VII. 119 †; Philosophy of Map-making, etc., XIX. 660 †
- , J. G., and J. Burgess; Constable's Hand-Gazetteer of India, XI. 567 †
- Bartholomew's Maps, etc.—
- Atlases and General Maps—Citizen's Atlas, † XII. 111, 223, 334, 444, 550, 645; XIII. 103; Handy Reference Atlas of the World, VIII. 540; International Students' Atlas of Modern Geography, XIX. 665 †; Travellers' Route Chart of the World, VII. 452 †
- Africa—Political Map, VIII. 314 †; XII. 108 †; XIII. 223 †; C. and S., III. 442 †; VII. 342 †; XIII. 223 †; S. Atlas for S. African Schools, XIII. 224 †; XX. 254 †; Tourist Map, XI. 463 †
- America, S.: Commercial Map, III. 442 †; XVI. 263 †
- Australia, Commercial Map of, VI. 203 †; Reduced Survey, XIV. 127 †
- Birmingham, Plan, VIII. 197 †; district, Cyclist's Road Map, XX. 474 †
- Bournemouth and environs, II. 284 †
- Brighton, plan, IV. 265 †
- British Isles, Gazetteer, II. 560 †
- China, Japan, and Korea, IV. 383; XVI. 262 †
- Donegal, X. 559 †
- Durham, I. 572 †
- Eastbourne, VIII. 537 †
- Edinburgh, etc., Pocket Guide to, VIII. 190 †

BASADRE**Bartholomew's Maps—continued.**

- Egypt and Lower Nile, Tourist Map, X. 660 †
- England and Wales, Reduced Ordnance Survey, † VIII. 654; IX. 585; X. 657; XI. 209, 325, 462, 690; XII. 107, 332, 442; XIV. 238, 347, 692; XV. 677; XVI. 134, 708; XVII. 100; XVIII. 115, 244, 462; XIX. 535, 664; XX. 133, 474, 566; Road Map, X. 558 †; Touring Map, XV. 677 †; Tourist Map, IX. 585 †
- Europe, Tourist's Atlas Guide, II. 284 †
- Glasgow district, Cyclist's Road-Map, XIV. 468 †
- Harrogate, XI. 463 †; environs, IV. 383 †
- Hull, IX. 350
- India, N. W. Frontier, V. 611 †; X. 559 †; Route Chart to India and the East, I. 286 †
- Ireland, Reduced Ordnance Survey, VIII. 655 †; XVI. 262 †; Tourist's Map, VIII. 198 †
- Isle of Wight, X. 559 †
- Leeds, Bradford, and York district, Cyclist's Road Map, XIX. 785 †
- Liverpool, XII. 443 †; XIX. 114 †
- London, XIII. 333 †; East, III. 538 †; VIII. 538 †; West, I. 286 †
- Manchester, VIII. 198 †; and Salford, XIII. 222 †; XVIII. 557 †; and Liverpool district, Cyclist's Road Map, XVIII. 345 †
- Meteorology, Physical Atlas, Vol. III., XIV. 599 †, 649 §
- Nottingham, I. 573 †
- Oceania and the Pacific, XVII. 330 †
- Palestine, Topographical and Physical; ed. G. A. Smith, XVIII. 117 †, 347 †
- Scotland, Atlas of Royal Scottish Geographical Society, VII. 120 §; Reduced Ordnance Survey, II. 383 †; IV. 286 †; VIII. 538 †, 655 †
- Sheffield and Warwick, etc., III. 354 †
- Spanish-American War map, XII. 109 †
- Sudan, VIII. 199 †
- Windermere and Morecambe Bay, XIX. 535 †
- Barton, A.: Yang-tze valley and British commerce, XII. 430 †
- , C.: Outlines of Australian Physiography, VI. 490 †
- , G. H.: Evidence . . . of glacial action on W. Coast of Greenland, etc., IX. 581 †; Glacial observations in Umanak District, XI. 102 †; Peary's Expedition, IX. 466 †
- Barue Country; Map of: A. J. Arnold, XVIII. 514*; Photographs: A. J. Arnold, XVIII. 464
- Basa Country, Visits to: Dobinson, IX. 463 †
- Basadre, D. M.: Los Lagos del Titicaca, III. 74 †; Puno, Province de Chucuito, IV. 284 †; Sumersión bajo el Océano y

BASCHIN

posterior levantamiento de la costa del Peru, IX. 465 †
 Baschin, O.—

Andrée's Vorschlag einer Nordpolexpedition in Luftballon, VI. 585 †; Andree'schen Ballon - Expedition zum Nordpol, XI. 102 †; Die Abfahrt der Andree'schen Ballon - Expedition, XI. 204 †; Die Bedeutung wissenschaftlicher Ballonfahrten, IX. 115 †; Neuere Mittheilungen über das Andree'sche Polarprojekt, VIII. 422 †

Bibliotheca Geographica, VI. 101 †; VII. 73 §; IX. 116 †, 227 §; XI. 106 †; XIII. 330 †; XIV. 690 †; XVI. 706 †; XIX. 662 †

Die Deutsche Südpolar-Expedition, XIX. 660 †

Die Entstehung der Dünen, XVI. 704 †
 ————— wellenähnlichen Oberflächenformen, XV. 672 †

Die ersten Nordlichtphotographien aufgenommen in Bossekop, XVIII. 239 †

Die geographische Lage von Berlin, XV. 433 †

Zur Frage des jahreszeitlichen Luftaustausche, etc., VII. 118 †

Bascom, F.: Ancient volcanic rocks of South Mountain, XII. 214 †

Base economica delle conquiste geografiche, nota di R. Biassutti, XVIII. 556 †

Basel, situation of, etc.: R. Hotz, IV. 375 †

Base level, Grade and Peneplain, Studies for Students: W. M. Davis, XX. 130 †

Base-line, Jäderin's apparatus for measurement of, A. Bonsdorff on, I. 556

Basevi, A. N., and Fritzsche, G. E.: La rappresentazione orografica a luce doppia nella cartografia moderna, I. 282 †

Bash Gumbaz, C. Asia, VIII. 112

Bashkird, plain of, Baluchistan, XIX. 131

Bashan, Across Southern: G. R. Lees, V. 1 *; Photographs, V. 408

Bashgal valley, Kafirstan, IV. 194; VII. 547

Bashgati (Kafir Language), Notes on; J. Davidson, XX. 667 †

Bashgol river, C. Asia, VII. 42

Bashit Dag, Persia, XVIII. 122

Bashmakov, A. A.: Journeys in Macedonia, XIX. 104 †

Basikunu district, W. Africa: see Bassikounou

Basman, Baluchistan, X. 589 †

Basra: see Bussora

Basques—

In Baskenland: K. Nebehay, XIII. 557 †; Stand unserer Kenntnis über die Basken: G. Buschan, XVII. 564 †; Zur Ethnographie der Basken: W. Karutz, XIII. 317 †

BATAK LAND

Bas-Querey, Une grand industrie du: J. Gebelin, VII. 107 †

Bassac à Saigon, La voie ferrée de: P. d'Enjoy, IX. 338 †

Bassama, tribe, W. Africa, XIV. 631

Bassein, Name of: R. C. Temple, I. 375 †

Bassenthwaite lake, depth, etc., IV. 238 †; origin, VII. 616; surveys, II. 165; VI. 63, 162

Bassett, J. S.: Constitutional beginnings of N. Carolina, IV. 579 †; Slavery and servitude in N. Carolina, VIII. 192 †

Basset, R.: Les Inscriptions de l'île de Dahlak, II. 186 †; Notes sur les Chaouia de la province de Constantine, IX. 576 †

Bassett-Smith, P. W.: Damma I. and its natives, III. 251 †; Survey of Macclesfield Bank, V. 73 *; Visit to Damma I., Banda Sea, III. 144

Bassières, E.: Notice sur la Guyane, XVII. 94 †

Bassigny, Le: L. Gallois, XVII. 671 †

Bassik-Kul, C. Asia, V. 155

Bassikounou, La region de: P. Vuillot, XI. 667 §, 685 †

Bassilan, M. de: Au pays des Homards, XI. 87 †

Bässler, A.; Biography, XIII. 461 †

Bassora: see Bussora

Bassot: Measurements of an Arc of the Meridian, I. 72; Nouvelle methode de mesure de base, IX. 111 †; Sur la nouvelle méridienne de France, I. 89 †

Bastak, Persia, VII. 25

Bastard, G.: Une ville du Niger, Dienné, XVI. 250 †

——, M.: journey in S. Madagascar, XV. 535; Voyage chez les Sakalaves, XII. 632 †

Bastelica, J.: En Asie Mineure, XI. 194 †

Bastian, A.: Controversen in der Ethnologie, III. 164 †; Indonesien oder die Inseln des Malayischen Archipel, IV. 376 †; Zum siebzigsten Geburtstage, IX. 114 †

Bastion mts., Patagonia, XVI. 36

Basu, B. C.: Note on lac industry of Assam, XV. 365 †

Basurco, S. M.: Trois semaines chez les Indiens Cayapas, IV. 284 †

Basutoland—

Basutoland and the Basutos: Sir G. Langden, XVIII. 327 †, 550 †

Expedition to Mont Aux Sources: T. L. Fairclough, XVI. 124 †

Moeurs, coutumes . . . des Ba-Souto: E. Jacottet, X. 340 †

Report 1896–7, XII. 541 †; 1898, XVI. 124 †; 1899–1900, XVIII. 110 †

Terra dei Basuto: G. Weitzacker, XVIII. 108 †

Batak Land; Dutch in, VII. 75, 80

Aantekeningen betreffende de Bataklanden: J. H. Meerwaldt, VI. 487 †

Besuch bei den Kannibalen Sumatras: J. von Brenner, VII. 75 §; 175 §

BATAK LAND

Batak Land—*continued*.

- De Verkenning der Bataklanden: C. M. Pleyte, VII. 331 †
- Nota omtrent de Bataklanden: J. A. Kroesen, XV. 192 †
- Noorden van het Tobameer: C. J. Westenbergh, X. 550 †
- Bataks (*see also* Sumatra)—general description, VII. 75; Die Bataker: E. Fürst, XII. 96 †; Study of the Bataks: E. Modigliani, III. 252 †
- Batalha-Reis, J.: Definition of geography as a science, etc., VIII. 535; on Machin and . . . Madeira, III. 517; supposed discovery of S. America before 1448, etc., IX. 185 *, 583 †
- Batan-Archipel und die Babuyanen-Inseln: F. Blumentritt, XIII. 454 †
- Batang, Tibet, III. 383
- Batang-Natal, Groot Mandeling en: T. Heyting, X. 550 †
- Batavia, Longitude de: J. Oudemans, VII. 330 † §; Plattegrond van Batavia van 1632: J. Brandes, XVII. 107 †; "Spasms" in terrestrial Magnetic force at: W. van Bemmelen, XVII. 209 †; Topographische Kaart der Residentie Batavia (Netherlands Government), XVI. 137 †; Uit Oud-Batavia; Kola-Tahi: F. de Haan, XVII. 320 †; Van Oud-Batavia: J. Brandes, XVII. 209 †; XVIII. 230 †
- and Singapore cable interruptions, X. 276
- Batchelder, C. F.: Distribution of certain mammals in New England and New York, IX. 578 †
- Batchelor, J.: Ainu and their folk-lore, XIX. 653 †; Ainu words as illustrative of customs, etc., X. 453 †
- and K. Miazbe; Ainu Economic Plants, III. 252 †
- Bates, H. W.: Naturalist on the Amazons: I. 183 †; Bates of the Amazons: G. Allen, I. 380 †
- Batetela race, Congo, V. 431; La révolte des, XIII. 680 †
- Bath and Bristol and forty miles round, Thorough Guide series: M. J. B. Baddeley, XIX. 767 †; Bath Road Map: H. R. G. Inglis, III. 537 †
- Bathurst, Gold-diggings at: Huxley, XIV. 342 †
- Bathymètre fondé sur l'emploi de cylindres crushers, Sur un: Charbonnier et Galy-Aché, XIV. 587 †
- Bathymetrical Conditions of Antarctic Regions: H. Arctowski, XIV. 77 *
- Observations, etc.: *see* France, Italy, Lake District, Venice
- Batonga tribe, Zambezi district, I. 295; IX. 148; XVIII. 70
- Batopilas, Mexico, XI. 425
- Batoum and district; trade (Foreign Office Rep.), † V. 77; XII. 629; XIV. 335; XVI. 366; XIX. 231; XX. 467

BAUMANN

- Batoum to Baghdad: W. B. Harris, VIII. 649 †
- Bats of Australian Region, IV. 36, 42; of Neotropical region, V. 473, 476; of Papuan Region, IV. 46; of Polynesian and Hawaiian Regions, IV. 50; Luchu Is., V. 299
- Battambang, Siam, VIII. 432; history, VIII. 436
- Battermann, H.: Resultate aus den Polhothenbestimmungen in Berlin, XIV. 344 †
- Battisti: Gli studi limnologici italiani, XIV. 111 †; Il Trentino, XIII. 87 †
- Batu Lawei, mt., Borneo, XVI. 39
- Song, mt., Borneo, I. 204
- Batum: *see* Batoum
- Batur glacier, Pamirs, VIII. 25
- Batwa pigmy tribe, C. Africa, V. 430
- Batz, Baron de: Voyage en Mongolie, XIX. 396 †
- Baubo: *see* Demeter
- Bauchi, Kingdom of: Notes on journey to Pali and Mamaidi in: P. A. Clive, XIV. 177 †; Bryan's journey to, XIV. 447
- Baud, Lieut., Explorations on Niger, VI. 386; Historique de la Mission Baud-Vermeersch, XII. 325 †
- Baudi de Vesme; explorations in Somaliland, II. 359
- Baudo, Sierra de, Colombia, XVII. 344
- Baudoin, M.: Le problème bibliographique, VII. 223 †
- Baudoinville, Tanganyika, XIX. 599
- Bauendahl, Capt.: Arctic Expedition, XVI. 356; XVIII. 313; Aus den wissenschaftlichen Ergebnissen der Polarfahrt des "Matador," XVIII. 646 †; XIX. 238 †
- Bauer, L. A.: Earth-air electric currents, XIV. 588 †; Halley's earliest equal variation chart, VII. 449 †; Magnetic survey of U.S., XX. 248 †; Magnetic work of U.S. Coast and Geodetic Survey, XIV. 461 †; Note on secular motion of Earth's mean magnetic axis, XIX. 112 †; On component fields of the Earth's permanent magnetism, X. 234 †; On terrestrial magnetism, VII. 219 †; XI. 524; on W. Whiston's magnetic observations, VI. 187
- Baum, Dr.: Expedition in Southern interior of Angola, XIV. 665
- Baumann, J., Das Kriegswesen im Hochgebirge, I. 284 †
- Baumann, O.—
- Biography, XV. 446 †; XVI. 494 †; Journey through E. Africa: E. Heawood, IV. 246 †; To Victoria Nyanza and Tanganyika, I. 228 †; II. 19; survey of Zanzibar, Pemba and Mafia, V. 597; IX. 664; obituary, XIV. 574
- Der Unterlauf des Pangani-Flusses, VIII. 93 †
- Die kartographischen Ergebnisse der

BAUMANN

Baumann, O.—continued.

- Massai-Expedition des Deutschen Antisklaverei-Comités, IV. 189 †
 Durch Massailand zur Nilquelle, IV. 87 †, 246 §
 Fünf Briefe von . . . Forschungsreise im Zanzibararchipel, VIII. 418 †
 Goa, VIII. 309 †
 Insel Mafia (Map), VIII. 427 †
 — Pemba und ihre kleinen Nachbarinseln, XIV. 458 †
 — Sansibar, IX. 681 †
 Karte des Forschungsgebietes der Massai-Expedition des Deutschen Antisklaverei-Komitee, V. 94 †
 Oesterreichisch-ungarische Interessen in Ostafrika, V. 606 †
 Originalkarte des nördlichen Deutsch-Ostafrika, IV. 191 †
 Topographische Aufnahmen auf Reisen, IV. 90 †
 Baume-les-Messieurs, La Grotte de: E. Renauld, X. 547 †; Sa Grotte, ses Environs: E. Renauld, III. 528 †
 Baumstark, Lieut.: Die Warangi, XVI. 250 †
 Baunt Lake, and its Hot Springs, etc.: J. S. Bogolyuleski, XI. 196 †
 Baur, C. F.: Neueste Karte der Erde, I. 96 †
Bavaria—
 Bayerische Pfalz: A. Geistbeck, VII. 676 †
 Beiträge zur Landeskunde Bayerns: H. Simonsfeld, VI. 193 †
 Die in den Jahren 1892 und 1893 zur Landeskunde Bayerns erschienene Literatur: C. Gruber, VI. 193 †; ditto, 1894 and 1895, VIII. 647 †; ditto, 1896 bis 1900, XX. 239 †
 Entwicklung und die Aufgaben der bayerischen Landeskunde: E. Oberhummer, XIV. 453 †
 Esthétique des villes, Rothenburg: A. J. Wauters, IX. 336 †
 Geologisches aus dem bayerischen Walde: E. Weinschenk, XV. 188 †
 Glazial- und Drifthythese auf Bayerischer Boden erstanden: S. Günther, IV. 468 †
 Highlands of Bavaria: G. Fels, VI. 292 †
 Klimatologische Landesforschung in Bayern: F. Erk, XVII. 544 †
 Map—Aventins Karte von Bayern, XV. 304 †; Nachträgliches zur Aventin-Karte: E. Oberhummer, XVII. 544 †
 Schneedecke im bayerischen Waldgebirge: P. Wagner, XVIII. 218 §, 225 †; Schneeverhältnisse im bayrisch-böhmischen Grenzgebirge: P. Wagner, XII. 426 †
 Telegraphische Langenbestimmungen für die Königliche Sternwarte zu Bogenhausen: C. von Orff, VIII. 527 †

BEAR I.

Bavaria—continued.

- Trade, Agriculture and Finances (F. O. Rep.), XII. 537 †; XVI. 570 †
 Ueber die wahrgenommenen Erdbeben: C. Grumbel, XII. 92 †
 Bavio, D. E. A.: La Llanura Argentina, XVI. 584 †
 Baxendell, J.: Borough of Southport, Meteorological Department, Report, etc., of Observations, VIII. 415 †; X. 227 †; XVI. 246 †
 Bay, E.: expedition to Melville bay, XI. 184; Geologische Karte des Scoresby-Sundes, IX. 691
 Bayan Göl, C. Asia, XII. 272
 Bayard, F. C.: English Climatology, I. 563 †
 —, G. H.: remarks at Franklin Commemoration Meeting, VI. 44; On Expedition through Somaliland to Lake Rudolf, VIII. 233
 Baye, Baron de: Au nord de la chaîne du Caucase, XIV. 680 †; Au sud de la chaîne du Caucase, XIV. 335 †; XV. 193 †; Chez les Tatars, de Derbent à Elisabethopol, XVIII. 231 †; De Moseou à Krasnoïarsk, X. 120 †; Du Volga à l'Irtisch, IX. 238 †; En nouvelle Russie, XVI. 363 †; Kiev, la mère des villes Russes, IX. 336 †; Tiflis, Souvenir d'une mission, XVII. 209 †
 Bayik pass, C. Asia, VIII. 114
 Bayle: La Double, XI. 447 †
 Bazar dereh river, C. Asia, II. 60
 Baziba tribe, Victoria Nyanza, X. 96
 Beach cusps: M. Jefferson, XIV. 232 †; Origin of: J. C. Branner, XVI. 704 †
 — material, Influence of specific gravity on behaviour of, XI. 634
 Beaches: see Coasts and Raised Beaches
 — and Tidal Marshes of Atlantic Coast: M. S. Shaler, XI. 201 †
 Beadnell, C. M.: On Decline of Setrvy afloat, XIV. 589 †
 —, A. J.: Dakhla Oasis: its Topography and Geology, XVIII. 621 §, 639 †; Fayum Depression, XIX. 399 †; Recent Geological Discoveries in Nile Valley and Libyan Desert, XVII. 528 §, 553 †; XVIII. 232 †; XIX. 655 †; on topography and geology of Farafra Oasis, XVIII. 442
 Beadon, R.: Solution of the Colonial Question, I. 283 †
 Beames, J.: Geography of the Kandahar Inscription, XIII. 89 †
 Bear, W. E.: Flower and Fruit Farming in England, XII. 626 †; XIV. 224 †; Food Supply of Manchester, X. 454 †; XI. 89 †; The Next Agricultural Census, XV. 662 †
 Bear, spectaclad, of the Andes, V. 480
 — hunting in Franz Josef Land, VI. 511; in Persia, VIII. 510
 Bear I., Arctic Ocean, VI. 548; XII. 385; XIV. 55; J. G. Andersson's expedition,

BEAR I.

Bear I.—*continued.*

- XIII. 542; XVIII. 215; letter from Sir M. Conway on, XIV. 328
- Beiträge zur Fauna der Bären-Insel: G. Sweinander, XIX. 531 †; A. Cleve, XIX. 531 †
- Meteorologische . . . Beobachtungen auf der Bären-Insel: C. A. Forsberg, XVII. 96 †
- Några drag af Beeren Eilands Kolonisationshistoria: J. G. Andersson, XVIII. 237 †
- Några upplysningar till den nya Kartan öfver Beeren Eiland: A. Nathorst, XIV. 464 †
- Oberdevonische Flora der Bären Insel: A. G. Nathorst, XVI. 586 †
- Svenska expeditionen till Beeren Eiland, XVII. 561 †
- Bear river, Canada, XVIII. 250
- Bearpaw mts. of Montana: W. H. Weed and L. V. Pirsson, VIII. 192 †, 653 †
- Beattie, J. W.: Notes on a trip to Barn Bluff Country, XX. 562 †
- Beatus group of early maps, XIV. 621
- Beaufort, Capt.: on Nomenclature of the Oceans, I. 535
- , Sir Francis, Arctic work of, VI. 34
- Beaufort's Dyke, off coast of Mull of Gallo-way: G. H. Kinahan, XVII. 319 †
- Beaujolais—
- Beaujolais et le Lyonnais: L. Gallois, VI. 96 †
- Conditions géographiques de la vie animale dans le: P. Privat-Deschanel, XIX. 392 †
- Introduction à l'étude géographique du Beaujolais; tectonique et géologie: P. Privat-Deschanel, XX. 639 †
- Relief du: P. Privat-Deschanel, XIX. 649 †
- Beaulieu, P. L.: Awakening of the East, XVII. 549 †; XVIII. 165 §
- Beaune, G.: La Terre Australe inconnue: Onze Croisières aux Nouvelles-Hebrides, V. 285 †
- Beaumont, E. de: Pentagonal Mountain Reseau, Theory of, XIII. 234
- , E. J.: Wrecks and Casualties in Indian Waters, XVIII. 455 †
- , G. de: Aux Lacs Français des Adirondacks, XVIII. 457 †; Les grands Domaines franco-tunisiens, XIX. 400 †
- , H. B. de: *see* Bouthillier de Beaumont
- , H. P.: Diamond-fields of Minas Geraes, XIII. 661
- , W.: La problème austro-hongroise et sa portée européenne, XVII. 206 †
- Beaver, S.S., History of: C. W. McCain, XI. 315 †
- Beazley, C. R.—
- Azurara's Chronicle of Discovery of Guinea, XIV. 665 §

BECK VON MANNAGETTA

Beazley, C. R.—*continued.*

- Crawford Mappemonde Reproductions, XII. 575 *
- Dawn of Modern Geography, IX. 532 §, 686 †; XIX. 240 †, 498 §
- Elected to Oxford geographical student-ship, III. 329
- Hantzsch's Sebastian Münster, XVII. 423 *; XVIII. 242 †
- J. and S. Cabot, XII. 330 †
- Lucas' Voyages of the Zeni, XIII. 166 *
- Madaba Map, XVII. 516 *; XVIII. 327 †
- New Light on some Mediæval Maps, XIV. 620 *; XV. 130 *, 378 *, 673 †; XVI. 319 *, 375 †, 705 †
- Nordenskiöld's 'Periplus,' XII. 373 *
- On a hitherto unexamined manuscript of John de Plano Carpini, XX. 646 *
- Remarks on "A pre-Columban Discovery of America," V. 235; on "An Attempt to reconstruct Maps used by Herodotus," VIII. 630; on Prince Henry the Navigator, III. 397
- Rockhill's "Rubruquis," XVII. 298 *
- Siberian Railway, XVII. 210 †
- Bebber, W. J. von: Die Hauptwetterlagen in Europa, XI. 446 †; Die Klimate der Erde und ihr Einflusse auf den Menschen, VII. 568 †; Die Wetterdienst an der Deutsche Seewarte, VII. 118 †; Einiges über Wettervorhersage . . . der deutschen Küste, XI. 573 †; Mittlere Absolute Jahres-Maxima und Minima der Temperatur, III. 167 †
- Beccari, O., Biography: A. Miessler, I. 380 †; Nelle Foreste di Borneo, XIX. 525 †; XX. 442 §
- Becher, H. M.: death, II. 493; III. 297; obituary, II. 470; Photographs of Malay Pen., V. 192
- Bechter, W. H.: The Solarometer, VI. 395 †
- Bechuanaland—
- Bechuanaland: J. Mackenzie, XI. 313 †
- Geological formation, I. 335
- Railway: Correspondence with Cecil Rhodes relating to, XIV. 458 †
- Geologie von Britisch-Betschuana-land: S. Passarge, XVIII. 108 †
- Progress of, I. 548
- Becke, F.: Bericht über das Erdbeben von Bruch, XIII. 86 †
- , L., and W. Jeffery: Naval Pioneers of Australia, XIII. 683 †
- Becker, A.: Das Sövärgelände und das Bad Rank-Herlein, XI. 446 †
- , G.: Der Gurgler Kamm, IX. 457 †; Conditions requisite to our success in the Philippine Is., XVIII. 549 †; Witwatersrand and revolt of Uitlanders, IX. 240 †
- , K.: Biography, XI. 460 †
- Beck von Mannagetta, G. R.: Die Vegetations-Verhältnisse der illyrischen

BEDDARD

- Länder begreifend Südkroatien, etc.; XX. 551 †
- Beddard, F. E.: Text-book of Zoogeography, VI. 199 †
- Bedawin: *see* Bedouin
- Beddoe, J.: Complexional differences — between Irish, with indigenous . . . surnames, XI. 194 †
- Bedford, W.: Malta and the Maltese race, VII. 439 †; Great Siege of Malta, XI. 566 †; Weston Tapestry Maps, X. 210 *
- Bedfordshire—Murray's Handbook, VIII. 414 †
- Bedouins of Gara tribe, VI. 128; of Hadramaut, IV. 320; of Palestine, VII. 5; of Siwa, X. 598, 603; Le Bedouin: Carton, XVIII. 241 †
- Beek-Bernard, L.: Missions franciscaines du désert argentin, XIV. 120 †
- Beehive mt., Canada; glacial striae, VII. 55
- Beekman, A. A.: Aanwinst en verlies van gronden in Zeeland, XI. 449 †; Der Rijn van onzen tijd als groote handelsweg, VI. 293 †; Het Dortmund-Eemskanaal, XII. 536 †; Nomina Geographica Neerlandica uit een geografisch oogpunt verschouwd, XIX. 650 †; Waterwegen in Oud-Holland, X. 547 †
- , D.: visit to Christmas I., XIII. 17
- Begg, A.: Alaska Boundary Question, XVII. 553 †; Early Exploration in N.W. Canada, XIV. 461 †; History of Br. Columbia, VIII. 190 †; Notes on Vancouver I., VII. 215 †; Notes on Yukon Country, IX. 106 †; Second trans-Continental Canadian railway, XX. 559 †; Vancouver I., XIV. 538 †
- Begräbnisarten der Amerikaner und Nordostasiaten: T. Preuss, V. 188 †
- Béguin, E.: Au Ba-Rotse, XIV. 117 †
- Behagle, F. de: Explorations in L. Chad Region, X. 539; XII. 611; XIII. 535; XIV. 320; Le Noupé et les prétentions de la Compagnie royale du Niger, VI. 296 †; Mission de Haut-Oubangui, XIV. 459 †; Voyage commercial au Bassin du Tchad, VIII. 531 †
- Behaim, Martin: account of Diogo Cão's second voyage, XVI. 633; Globe of 1492, V. 230, 234; Map of Japan, III. 404; Behaim et Diego Cam: J. Mees, XX. 675 †; Behaim of Nurnberg, 1459–1507: E. G. Ravenstein, XVIII. 509; XX. 250 †; Lösung der Behaim-Frage: E. Gelcich, I. 571 †; II. 175 §; Martin de Bohemia: E. G. Ravenstein, XVI. 590 †
- Behar: *see* Bihar
- Behind dikes and dunes, VIII. 647 †
- Behr, F.: Neueste Karte von Australien, I. 477 †
- , H. F. von: Description of ruins of Kilwa, II. 169; Die Völker zwischen

BELGIUM

- Rufji und Rovuma, II. 186 †; Die Wakua Steppe, I. 376 †, 547 §
- Behr, H. H.: Changes in Flora and Fauna of California, VII. 679 †; VIII. 399
- Behrens, W.: Am Nordrande der Sahara, XVI. 251 †
- , H.: Kartenaufnahmen in Afrika, XX. 354 †
- Behring: *see* Bering
- Beida, Jebel, Oman, VII. 527
- Beira, S.E. Africa; condition, I. 549; Large Game between Beira and Sarmento, II. 518; temperature at, V. 45; trade, IX. 561; (Foreign Office Rep.), XIV. 118 †; XVI. 351 §, 369 †, 591 †; XIX. 233 †
- Beira: A. C. Ross, V. 607 †
- Railway, V. 27; VIII. 498; (distance to Salisbury), V. 31; map of route; F. C. Selous, V. 210 †; Photographs: A. C. Britton, IV. 384, W. A. Eckersley, IV. 584, H. Good, XI. 331; Pioneering on: L. O. Cooper, XVII. 92 †
- Beirut and Coast of Syria, Trade (Foreign Office Rep.), XIV. 582 †; XVI. 579 †; XX. 556 †
- Beiträge zur Wirtschaftsgeographischen Statistik: A. Oppel, VIII. 426 †
- Béja (Tunisie): Neu, XII. 633 †
- Békulusi hill, Madagascar, VI. 235
- Bel, J. M.: En Indo-Chine; du Sous-Sol, XIX. 524 †; Mission au Laos et en Annam, XIII. 559 †; Rapport sur une Mission scientifique au Chili, XI. 203 †
- Bel Sound, Spitzbergen, VI. 549
- Belam, H., and H. G. G. Ashton: Chart of Liverpool Bay, XIX. 244 †; XX. 255 †
- Belck, W.: Armenien in Altertum und in der Jetztzeit, XIX. 106 †; XIX. 770 †; XX. 124 †; Die Niveau-Schwankungen des Goecks-chai-Sees, IV. 86 †; Hani-galbat und Melitene, XI. 566 †; Untersuchungen und Reisen in Transkaukasien, Hoch-Armenien und Kurdistan, II. 185 †, 562 †
- , W., and C. F. Lehmann, Reisebriefe von der Armenischen Expedition, XIV. 113 †; XV. 296 †; XVI. 579 †
- Belda, New State of, C. Sudan, VII. 313
- Belerion, Ancient Cornwall, I. 517
- Belezoni canal, Tana river: *see* Bellazoni
- Belgium—
- Académie Royale des Sciences . . . de Belgique, Tables générales, XV. 303 †
- A propos du récent tremblement de terre de la Belgique, etc.: J. Cornet, VIII. 646 †
- Belgium and the Belgians: C. Scudamore, XVIII. 546 †
- Belgique maritime: P. Barré, XIV. 576 †
- Bruges Ship Canal: L. F. Vernon Harcourt, XIV. 330 †
- Cavernes de la vallée de la Meuse:

BELGIUM

Belgium—*continued.*

- J. Fraifont and F. Tihon, XI. 308 †
 Climat de la Belgique en 1897: A. Lancaster, XIV. 330 †
 Colonies—Charte coloniale de la Belgique, XIX. 241 †
 Commentaires de Jules César interprétés au point de vue de la Belgique: C. Piot, XV. 432 †
 Courses of the Scheldt and Lys: A. K. Van Werroeke, I. 278 †
 De la nécessité d'une plus grande Belgique: A. de Haulleville, XV. 660 †
 Emigrations anciennes des Anversois dans les pays d'Outre-Mer: F. Dounet, IX. 573 †
 Enseignement-supérieur de la Géographie en Belgique, XII. 642 †
 Excursion in Campine: A. Haron, I. 277 †
 Furfooz, Les curiosités de la commune de: E. Rahir, XVIII. 546 †
 Geography in Universities, XII. 84
 Grotte et la rivière souterraine de Han-sur-Lesse: E. A. Martel, XIII. 87 †
 Intérêt des relevés journaliers des heures de Soleil: A. Lancaster, XIV. 452 †
 Linguistic frontier:—Frontière linguistique en Belgique: G. Kurth, XI. 308 †; XV. 293 †; Germanisch-romanische Sprachgrenze in Belgien und Nordfrankreich: H. Bischoff, XVII. 543 †
 Maps—Carte des chemins de fer, etc., de la Belgique, V. 610
 Observations météorologiques faites à l'Observatoire Royal de Belgique, XIV. 452 †
 Population de la Belgique, XX. 349 †
 Régime fluvial de la Belgique aux temps quaternaires, IX. 573 †
 Résumé historique des tentatives coloniales de la Belgique: Wauwermans, VI. 192 †
 Réveil de la tendance des Belges à s'expatrier: A. du Bois, XVII. 566 †
 Trade, Finances, etc. (Foreign Office Rep.), XVII. 443 †
 Vallon des Chaudières: E. Rahir, XIV. 330 †
 Zigzags étymologiques à travers la Flandre: M. G. Houbron, XVII. 206 †
 Exploration, etc.—
 Antarctic, X. 331, 641; XI. 102 †; XII. 319; XIII. 8, 542, 650; XIV. 77, 231 †; proposals for, V. 82; results, XV. 539; Antarctic Voyage of the *Belgica*: H. Arctowski, XVIII. 353* (see Antarctic, exploration)

BELL I.

Belgium—*continued.*

- Bangweolo region, XII. 415; between Welle and Darfur, V. 81; XI. 550; (scientific work), XII. 614; Kattanga, XV. 534, 645; Monument to Coquilhat, VII. 557; Occupation on Upper Nile, XIII. 70; Tocantins Basin, XVII. 534; W. China (Commercial Mission), XVII. 70
 Belgium and Holland, Handbook for Travellers: K. Baedeker, IV. 468 †; X. 338 †; XVIII. 225 †
 Belgrano lake, Patagonia, XIV. 259, 265; river and mt., XIV. 266
 Belhaven, Lord; remarks on "Formation of Sand-dunes," IX. 305; on "Through Tibet to China," XII. 278, 280; "Twelve Years' Work of the Ordnance Survey," XV. 597
 Beli tribe, W. Africa, IV. 136
 Beligatti, C.: Journey into Tibet, XX. 654
 Bell, C. N.: Macquarie Harbour, XVI. 586 †; Tanqueera, XV. 196 †
 —, D.: On Glaciation of W. of Scotland, V. 87 †
 —, G. L.: Turkish Rule East of Jordan, XX. 668 †
 —, H., Geography of Gold Coast Colony, V. 607 †; Railways and Famine, XVII. 549 †; Recent railway policy in India, XII. 96 †
 —, H. C. P., Report . . . of Archaeological Survey at Sigiriya, VII. 562 †; XII. 429 †
 —, Sir J., and J. Paton: Glasgow, its Municipal Organization, etc., IX. 235 †
 —, J. M.: Explorations in Great Bear Lake Region, XVIII. 249*; Photographs, XIX. 119
 —, M.: Country of Dungan Rebellion, VIII. 309 †; Highway of the Nations, XIV. 678 †
 —, R.: Baffinland; A Survey with short description of the country, XVIII. 25*; (Photographs), XIX. 119; discovery of a river in Canada, VI. 572; expedition to Hudson Bay, XI. 435; Explorations to Quebec, VII. 562 †; Explorations to the S. of Hudson's Bay, X. 1*, 553 †; Geographical distribution of forest trees in Canada, X. 340 †; Geological history of Lake Superior, XVI. 582 †; Labrador Pen., VI. 488 †; Rising of land (along Bell River), X. 230 †; (around Hudson Bay), VII. 564 †; XIV. 229 †; Reports—Geology of French River Sheet, Ontario, XII. 634 †; on Sudbury Mining District, III. 253 †; reported appointment to Geological Survey of Canada, XVII. 431; surveys—Labrador pen., and Ontario, X. 626; Nottaway river-basin, IX. 277
 —, one of Canada's Explorers: C. Hallick, XVIII. 242 †
 Bell I., Franz Josef Land, VI. 506

BELL RIVER

- Bell river, rising of land along: R. Bell, X. 230 †
- Bellagamba: Sull' influenza . . . della componente orizzontale del magnetismo terrestre, XIV. 588 †
- Bellairs: Routes of Submarine Cables, XVII. 457 †
- S. M.: Our Peasant Population, XI. 571 †
- Bellamy, C. V.: Salt Lake of Larnaca, Cyprus, XVII. 189 §, 318 †
- Bellary District, Geology: R. B. Foote, X. 120 †
- Bellazoni canal, Tana River, IV. 99
- Belledonne, Nouvelles observations géologiques sur la chaîne de la: P. Fermier, XIX. 649 †
- Belle-Isle: Notes sur un champ d'influence magnétique: Millet, IX. 464 †
- Belle Isle, Windermere, VI. 159
- Belle Ville, Argentine, XV. 608
- Bellet, A.: La pêche de la morue sur le grand banc de Terre-Neuve, XIV. 461 †
- D.: Les îles Hawai, XII. 102 †
- Belloc, E.: Du plateau de Lannernezan au glacier des Gours-Blancs, IX. 335 †; Les sources de la Garonne, XIII. 318 †; Recherches et explorations, etc., dans les Pyrénées centrales, VII. 109 †; Sur un nouveau sondeur, VIII. 424 †
- Bellows gorge, Yangtse-kiang, XVIII. 503
- Beluchistan: *see* Baluchistan
- Belu-daban pass, Tian Shan, IX. 554
- Belusha bay, Novaya Zemlya, XI. 357
- Belzoni: *see* Frediani
- Bemis, E. W., and J. Haynes: Local Government in South and South-west (Johns Hopkins University Studies), III. 254 †
- Bemmelen, W. van: "Spasms" in terrestrial magnetic force at Batavia, XVII. 209 †
- Benabendi, Kasai river, V. 429; De Benabendi à Gallikoko: E. Stache, IX. 576 †
- Benaco; Alcune notizie fisiche sulle acque del: A. Garbini, X. 451 †
- Benadir coast, Somaliland, XVI. 104
- Benang, Malay Pen.; lead and tin mine, IV. 235
- Bénard, C.: Novorossiisk, VIII. 189 †
- Benares: J. Robie, II. 472 †
- Benbow, crater of, Ambrym, VIII. 595, 598
- Ben Chaung or Nam Pang, Shan States, VII. 580
- Bende, Notes of Journey to: A. G. Leonard, XIII. 91 †
- Bender Abbas: *see* Bandar Abbas
- Benderski; explorations in Pamirs, VIII. 258
- Benderski pass, Pamirs: *see* Andemania
- Bendix, L.: Einführung der Kommunalverwaltung in Deutsch-Ostafrika, XVIII. 640 †

BENIN

- Benedictia, de: I progressi della livellazione Barometrica, X. 459 †; Lavori . . . nell' Instituto Geografico Militare per la Carta d'Italia, X. 451 †
- Beneke, M.: Scheme for investigation of native customs, VI. 480 §
- Benest, D.: La valeur économique de Samoa, XIV. 464 †
- H.: Fleuves sous-marins, XVI. 704 †; on cable fractures, X. 262; Submarine gullies, etc., XIV. 394 †; XV. 88 †
- Benet: Notes pittoresques sur les îles Loyalty, VII. 218 †
- Benett-Stanford, J.: expedition to Somaliland, X. 328; Photographs of E. Africa, VI. 300
- Bengal—
- Land and People: F. H. Skrine, XX. 123 †
- List of Consultations, Proceeding, etc., XV. 436 †, 663 †
- Revenue Settlement of W. Duars, Final Report: D. H. E. Sunder, VIII. 529 †
- Mahnan's Account of the Kingdom of Bengala: G. Phillips, VI. 581 †
- Malaria Investigations in: Stephens and Christophers, XIX. 753
- Premiers habitants du Bengala, etc.: R. P. de Gryse, X. 648 †
- Sunderban of Bengal: C. B. Clarke, VIII. 309 §, 396 †
- Work of Indian Survey in, I. 67
- , Bay of: Pilot (Sailing Directions), XX. 352 †
- Bengazi; Trade, I. 548; (Foreign Office Rep.), XVI. 700 †
- Benger, G.: Roumania in 1900 . . . XVII. 546 †; Rumänien, ein Land der Zukunft, IX. 233 †
- Benguella—Estudios do planalto do districto de: A. de Andrade, XIV. 682 †; Grammar of Umbundu Language: J. P. Nascimento, III. 531 †; Lingua Mbundu fallada no districto de: E. Lecomte, XI. 199 †
- Beni Province, Baron H. Arnous de Rivière's Exploration, I. 273
- river, Amazons, XVII. 375; Der Rio Beni von seinen Quellen bis zu seiner Mundung: C. Nusser-Aspout, IX. 342 †; Exploracion del Rio Beni: E. R. Heath, X. 230 †
- Beni-barka, Tunis, XI. 688
- Beni Hassen, tribe, Morocco, IX. 644
- Mgild, tribe, Morocco, IX. 639
- Beni-Moskin, Itineraire de Casablanca aux: F. Weissgerber, XIX. 400 †
- Benin—
- Alterthümer von: F. Heger, XVII. 677 †
- Benin art, Notes on: H. Ling Roth, XII. 633 †
- in Guinea und seine räthelhaften Bronzen: F. Carlsen, XI. 197 †
- Massacre, The: A. Boisragon, X. 650 †

BENIN

Benin—*continued*.

- Benin Territories expedition; Correspondence, XV. 194 †
 Cast-Metal Work: H. O. Forbes, XI. 684 †
 City of: Auchterlonie and J. Pinnoek, XII. 325 †
 City of Blood: R. H. Bacon, XI. 94 †
 Description of Kingdom of, from folio of J. Ogilby: J. Irvine, IX. 682 †
 Handelsbeziehungen von Benin, Ueber die alten: F. von Luschan, XIX. 400 †
 Journeys in Benin country: H. L. Gallwey, I. 122 *
 Karl Knorr'sche Sammlung von Benin-Altentümern: F. von Luschan, XIX. 233 †
 Punitive Expedition, Diary of a surgeon with the: F. N. Roth, XII. 631 †
 Benincasa e del suo Portolana: G. Bruzzo, X. 654 †
 Beni Rowaiha tribe, Oman, XVIII. 492
 Beni Shongul, XV. 116; XIX. 88
 Benjamins, H. D.: De Grenzen van Nederlansch Guiana, XIII. 457 †
 Benn, R. A. E.: Photographs (Journey from Quetta to Europe), XVI. 596
 Benndorf, P.: Durch den Kaukasus, VIII. 648 †
 Bennet I., New Siberia Is., XII. 164
 Bennett, E. N.: Amongst the Cretan Insurgents, XI. 565 †
 ———, T. J.: Past and present connection of England with the Persian Gulf, XX. 353 †
 Bennett lake, Alaska, XII. 23; timber resources, XII. 37
 Ben Nevis; Meteorological Observations, Report of Committee, XVII. 672 †
 Meteorology in clear and foggy weather: J. Y. Buchanan, XVI. 695 †; Observatory, XX. 650; (E. Whymper), V. 87 †
 Bennigsen, G. von: Reisebericht des, XVII. 95 †; Reise zum Zwecke der Uebernahme des Inselgebietes der Karolinen, Palau und Marianen, XVI. 127 †; Ueber eine Reise nach den deutschen und englischen Salomons-Inseln, XVIII. 236 †; visit to N. coast of New Britain, XVI. 565
 Bennikoro, W. Africa; altitude, X. 394
 Benoit: Histoire de la Geographie de la France, IX. 103 †; La côte orientale d'Afrique, X. 649 †
 Bense, E. M.: The Civilising Race, XVIII. 342 †
 Benson, G. E.: Patrol on the Atbara, XIII. 561 †
 Bent, J. T.—
 Ancient Trade Route across Ethiopia, II. 140 *; Early Voyages and Travels in the Levant, III. 250 †; Island of Socotra, X. 121 †; Land of Frankincense and Myrrh, VII. 110 †; Mashonaland and its People, III.

BERG

- 161 †; Muscat, VII. 110 †; On the Dervish Frontier, VIII. 501 †; remarks on "Journey in the valley of the Upper Euphrates, VIII. 473; Ruined cities of Mashonaland, II. 474 †; Sacred City of the Ethiopians, etc., III. 71 †; 504 §; Visit to N. Sudan, VIII. 335 *
 Expeditions—Abyssinia, I. 355, 457; II. 21; S. Arabia, II. 457, 489; III. 234, 422; IV. 23, 315 *, 457; V. 167, 379; VI. 109 *
 Obituary, IX. 670, 674
 Bent, J. T., and Mrs. Bent: Southern Arabia, XV. 295 †; XVI. 101 §
 ———, Mrs.: Exploration in Yafei and Fadhl countries, XII. 41 *, 429 †
 Bentley, A. F.: Conditions of a Western Farmer . . . , II. 565 †
 ———, W. H.: Pioneering on the Congo, XVI. 367 †; XVIII. 304 §
 Benue—and Anglo-German Treaty of November 15, 1893: E. G. Ravenstein, III. 42 *; Baron von Uechtritz and Dr. Passarge's expedition, III. 425; Itinéraire de la source de la Benoué, etc., VII. 214 †; Regions of the: L. H. Moseley, XIV. 630 †; XV. 666 †
 Berabhis, Arabia; ruins at, II. 50
 Beranger, Don C. de: Relacion Jeografica de la Provincia de Chiloé, II. 280 †
 Bérard, V.: La Méditerranée phénicienne, VIII. 195 †; Topologie et toponymie antiques, XII. 427 †
 Berbers, Alphabets of: D. G. Brinton, IV. 578 †; Among the Berbers of Algeria: A. Wilkin, XVIII. 305 §; of Morocco, V. 326; Nomadic, of C. Morocco: W. B. Harris, IX. 638 *; of Tunis, XI. 602
 Berea Futambu, W. Africa; altitude, etc., X. 394
 Berechnung der Lehre: E. Schlagintweit, X. 657 †
 ——— der Seeweite: F. Ramsauer, XIII. 685 †
 ——— des Schiffsortes aus zwei Gestirnhohen: Bolte, XV. 672 †
 Berecz, A.: Population de la ville de Budapest, VIII. 648 †; IX. 232 †
 Berehaven harbour, surveys, IX. 656
 Bereimi oasis, Oman, XIX. 62
 Berendt, G.: Geognostische Beschreibung der Umgegend von Berlin, XV. 434 †
 Berenice, Egypt, I. 414
 Beresford, Lord C.: Break-Up of China, XIV. 334 †; remarks on "Renewal of Antarctic Exploration," III. 33
 ———, C. E. de la P.: State defences of Russia, XIII. 452 †; Trans-Siberian Railway, XIII. 679 †
 Berzovsky, M.: expedition in C. Asia, V. 489; VIII. 407
 Berg, A.: Die wichtigste geographische Litteratur, XX. 251 †; Georg Torquatus als ältester Halberstädter Topograph,

BERG

- XIX. 534 †; Litteraturbericht zur Landes- und Volkskunde Thüringens, XVI. 243 †
- Berg, C.: Anales del Museo Nacional de Buenos Aires, XIV. 341 †
- , L. S.: Hydrological explorations, Sea of Aral, XVII. 548 †; XVIII. 86, 619; XX. 354; Periodicity of changes of level in Aral Sea, XIX. 503; Physical Geography of Aral Sea, XIX. 768 †
- , et P. Ignatow: Les lacs salés Selety-Denghiz . . . du district d'Omsk, XVIII. 107 †
- , L. W. C. van den: De Mohammedaansche Vorsten in Nederlandsch-Indie, XVIII. 635 †
- , S. J.: St. Gothard Mountain Railway, etc., VI. 589 †
- , Bezirksamtmann: Das Bezirksamt Mikindani, XI. 198 †
- Bergamo Alps; Guida-Itinerario alle Prealpi Bergamasche: M. Hoeppli, XVI. 362 †
- Bergbesteigungen in älteren Zeit: S. Günther, IX. 116 †
- Berge: Drinking-water in tropics, XII. 423
- Bergeat: Die äolischen Inseln, XV. 294 †; Die äolischen Vulkaninseln bei Sicilien, XI. 681 †
- Bergemann, P.: Der Malayische Archipel im Lichte des Zeitalters der Entdeckungen, II. 278 †
- Bergen; Officiel Förer . . . Internationale Fiskeriudstilling, XII. 428 †
- Berger, H.: Des Entstehung der Lehre von den Polarzonen, IX. 466 †; Geschichte der Wissenschaftlichen Erdkunde der Griechen, I. 187 †
- Berghaus, D.: Der jetzige Stand der transsibirischen Bahn, XI. 196 †
- , H.: Chart of the World, X. 236 †
- Berghell, H.: Bidrag till Kannedomen om Sodra Finlands, VIII. 648 †; IX. 574 †
- Bergholz, P.: Die Luftdruckverhältnisse und die Windbewegungen im "Fernen Osten," XVIII. 636 †; Die Taifune vom Sept. 1897, XIV. 114 †; Ueber Bildungsstätten . . . der Orkane des "Fernen Ostens," XVI. 122 †
- Bergman, T.: Framställning af Torbern Bergmans Fyiska Geografi: J. Lindquist, XVIII. 628 §, 648 †
- Bergmann, K.: Die Volksdichte der Hessischen Provinz Starkenburg, XVI. 243 †
- Bering, V.—Documents relative to Bering's Expedition, sent by Russian Government to Chicago Exhibition, II. 68; Voyages of Bering and Chirikof on N.W. Coast of America: G. Davidson, XIX. 756, 774 †
- Bering I., IX. 323
- Is. and their Fur Seal Industry: A. Gerasimoff, XI. 199 †

BERLIOUX

- Bering Sea—
- Arbitration, Fur-Seals and the: J. S. Brown, IV. 578 †; Bering Sea Dispute: H. W. Wilson, XI. 106 †; Chasse aux ours marins de la Mer de Bering: B. de Zenzinoff, XV. 443 †; Fur Seals, the American Case, XI. 200 †
- Bering Sea and Alaska Sailing Directions: J. P. Maclear, XIII. 564 †
- G. M. Dawson: Observations on, IV. 250 *; Geological Notes on . . . Coasts and Islands of, III. 439 †
- Ice and Ice Movements in: J. Page, XVI. 373 †, XVI. 110 §
- Report by D'Arcy Thompson on Mission to, X. 650 †
- Strait—
- Die Witterungs- Eis- und Stromungsverhältnisse des Beringmeeres: F. Hegemann, VI. 99 †
- Map—Goldgebiete zu beiden Seiten der Beringstrasse: H. Immanuel, XIX. 787 †
- Beringe, H. von: Reisen im Gebeit der Kirunga-Vulkane, XVII. 529 §; XVIII. 109 †
- Beringer, O. L.: Map of Shire Highlands, X. 347; Surveys in C. Africa, X. 7
- Berkshire; Gravel-flats of Surrey and, Origin of: H. W. Monckton, XIX. 229 †
- Berlin—
- Berlin Missionary Society's Expedition to Konde Country, II. 321
- Die Stadt Berlin, Festschrift der Stadtgemeinde, XIV. 675 †
- Geognostische Beschreibung der Umgegend von Berlin: G. Berendt, XV. 434 †
- Geographical Congress, Seventh International, XIII. 75, 200, 664; Plan of Excursions, XIV. 86; Proceedings, XIV. 537; Resolutions, XIV. 543; Geographen-Kongress, 1899, Programm der Wissenschaftlichen Ausflüge, XIV. 86, 453 †; Verhandlungen des Siebenten Internationalen Geographen-Kongresses, XVIII. 344 †
- Society, Bibliography, VII. 72; Humboldt Medal, I. 557; Seventieth Anniversary, XI. 662; welcome to F. Nansen, IX. 568; Zeitschrift, XIX. 383
- Geographische Lage von Berlin: O. Baschin, XV. 433 †
- Handbuch für Reisende (Umgebungen): K. Baedeker, XIV. 675 †
- Maps—Geologische Uebersichtskarte, XIV. 691 †; Neuer Verkehrs-Plan von Gross-Berlin: G. Müller, XIV. 691 †
- Temperaturverhältnisse: R. Börnstein und E. Less, XII. 624 †
- Voyage à cheval de Berlin à Wladiwostok: Foukou Shina, VIII. 91 †
- Berlioux, E. F.: Les premiers voyages

BERMUDA IS.

- des Européens dans l'Asie centrale, XII. 429 †
- Bermuda Is., II. 523
- Bermuda and *Challenger* Expedition: G. W. Cole, XIX. 658 †
- and the Tropics, Glimpses of Life in: M. Newton, X. 231 †
- Bland Oleandrar och Liljor, Minnen från en Sommar på Bermuda: C. Forstrand, VI. 392 †
- Bulletin of Bibliography Pamphlets: G. W. Cole, XII. 212 †
- Changes of Level in: R. S. Tarr, X. 340 †, 639 §
- Description of: W. R. Kettle, IV. 578 †
- Formation of, A. Agassiz on, IV. 190 †, 274 §
- Geology of: R. S. Tarr on, X. 639; Notes on: A. E. Verrill, XVI. 125 †
- Marine surveys, IX. 656
- Report for 1899 (Colonial Rep.), XVII. 92 †; 1900, XVIII. 551 †
- Sand-hills of, IX. 305
- Stark's Illustrated Guide, XIII. 216 †
- Bermejo river, Paraná, XVII. 394; Exploration of, and its affluents, XV. 599 †; Short account of Bermejo expedition: A. A. G. Dobson, XVII. 558 †
- Berne—
- Geographical Congress, V. 370; Educational Exhibition: H. Michon, III. 76 †; Die geographische Gesellschaft in: J. H. Graf, XII. 641 †
- Temperaturverhältnisse in der Aare bei: E. Schmid, XIII. 211 †
- Bernacchi, L.: award to, XVIII. 99; To the S. Polar Regions, XVIII. 527 §, 554 †; Topography of S. Victoria Land, XVII. 478 *
- Bernal: Trade of Pomerania, XVI. 243 †
- Bernández, M.: De Buenos Aires al Iguazú, XVIII. 457 †
- Bernard, A.: Archipel de la Nouvelle-Calédonie, VII. 116 †; Chemins de fer en Algérie, XV. 193 †; Congrès international de Géographie de Berlin, XV. 200 †; Documents pour servir à l'étude du Nord-Ouest Africain, X. 552 †; Hautes-Plaines et Steppes de la Berberie, XII. 98 †; La main-d'œuvre aux colonies, XVII. 218 †; Question du Transsaharien, XIV. 337 †; Revue bibliographique . . . de l'Afrique septentrionale, XII. 326 †; XV. 82 †; Situation politique de l'Algérie, XIII. 559 †; Territoires du Chari et l'œuvre de M. Gentil, XVIII. 109 †
- and Huot; explorations of S. Shari Basin, XVII. 305
- Bernardières, de: Sur la construction de nouvelles cartes magnétiques, etc., VII. 219 †
- Berndt, W.: Die Concurrenz-Verhältnisse am Weltkarte (map), XX. 254 †
- Bernese Oberland—Distanzenkarte des Berneroberslandes: Schmid, Franche,

BERTOLINI

- und Cie., VIII. 655 †; Mountain names in: A. Wäber, III. 436 †, 513 §
- Bernhard, L.: Ueber Eisenbahnprojekte in Deutsch-Ost-Afrika, X. 229 †
- Bernhardi, R.: Biography: M. Hildebrandt, XI. 460 †
- Bernier, J. E.: Canadian Polar Expedition, XVIII. 237 †; proposed Arctic expedition, XVII. 80, 198; proposed expedition to North Pole, XI. 302
- Bernina, Ghiacciai del: L. Marson, XIX. 523 †
- Bernsmann, F.: Grönboland und dessen Stämme und Dialekte der Lingua-Bantu, VIII. 428
- Bernstein, Der: C. Mauch, VII. 570 †
- Berre, Etang de: C. Roux, I. 278 †; Sur l'étang de: Note de A. Delebecque, IX. 231 †
- Berry, Rev. J.: Great Queensland winter pleasure trip, XVII. 454 †
- , J.: Proceedings of Convention of Weather Bureau Officials, XIV. 465 †
- , and W. Phillips: Proceedings of second Convention of Weather Bureau Officials, XX. 674 †
- Berson, A.: Geographisches aus dem Luftballon, VII. 448 †; high balloon ascent by, VI. 188; Use of Balloons in Geographical Work, VII. 541 *
- and R. Assmann: Ergebnisse der Arbeiten am aëronautischen Observatorium, XX. 674 †
- and Süring; high balloon ascent, XVIII. 628
- Berta tribe, Abyssinia, XV. 116; XVIII. 567
- Bertacchi, C.: Angela Bettoni-Palermo, XX. 472 †; Birmania e il viaggio di L. Fea, X. 339 †; Geografi italiani all'estero, XIV. 237 †; Il M. Fiorini e la Geografia Matematica, XVIII. 343 †; L'Italia e il suo mare, XVI. 704 †
- Bertaux, E.: Etude d'un type d'habitation primitive, XIV. 346 †
- Bertelli, P. T.: Sulle recenti controversie intorno all'origine della Bussola Nautica, XX. 563 †, 564 †, 660 †
- Berthaut, Col.: Carte de France 1750–1898, Etude historique, XIV. 222 †
- Berthelot, A.: Sur les origines de la source de la Loue, XIX. 227 †
- Berthoud, H.: Orthography of Zoutpansberg District, II. 235
- , P.: Lourenço Marques, VII. 563 †
- Bertillon, J.: De la députation de la France, XIII. 675 †
- Bertolini, G. L.: Della linea e dei fiumi di resorgiva in relazione al territorio veneto, XVI. 572 †; La direzione della correnti fluviali e di riflusso in relazione alla corrente litoranea dell' Adriatico, XX. 119 †; I fiumi di resorgiva . . . al territorio veneto, X. 647 †; Il fenomeno

BERTON

- dei colori complementari al Monte San Genesio, XX. 552 †; Sulla determinazione della altitudini presso gli antichi, XIV. 346 †
- Berton, J.: De Lastourville sur l'Ogôoue à Samba sur le N'Gounie, VI. 488 †
- Bertrand, Capt. A.: Au pays des Ba-Rotsi, XII. 301 §, 326 †; En Afrique avec le Missionnaire Coillard, XV. 666 †; Expedition to Barotse Country, VII. 426; (Expédition au Pays des Barotse), IX. 341 †; From the Machili to Lialui, IX. 145 †; Notes . . . voyage d'exploration au pays des Ba-Rotse, XI. 199 †
- , Prof. A.: Letter on rediscovery of Bariloche pass, XVII. 440; Methods of survey employed by Chilian Boundary Commission in the Andes, XVI. 329 †, XVI. 704 †; remarks on "Desert Sand-dunes," etc., XV. 31; on "Patagonian Cordillera and its Main Rivers," XVI. 210
- , J.: Action des anciens glaciers sur le relief actuel de la Russie, XX. 240 †, 535 §
- , L.: Sur la tectonique de la partie nord-ouest du département des Alpes-Maritimes, VI. 483 †; Sur la tectonique des environs de Biarritz, XIX. 649 †
- , M.: Basse Provence, XI. 447 †; Le bassin houiller du Gard, XV. 546 †; Essai d'une théorie mécanique de la formation des montagnes, XV. 540 §, 673 †; Déformation tétraédrique de la Terre, XVI. 130 †; New geomorphological theory of, XVI. 232
- Bertrandt, A.: Exposé d'une Communication sur Tientsin, Peking, etc., I. 468 †
- Bertuch, F. J.: Biography: W. Wolkenhauer, XII. 641 †
- Bérurunu, Madagascar, VI. 243
- Berwick, T.: British Rule in Ceylon, VIII. 309 †
- Berwick y de Alba, Duquesa de: Auto-grafos de Cristobal Colon y Papeles de America, I. 90 †
- Berzelius on Variations of sea-level, I. 557
- Berzevichy, G. F. von; Biography: S. Weber, XVI. 590 †
- Besançon and Hermite: balloon experiments, VI. 478
- Beseke, C.: Der Nord-Ostsee Kanal, VI. 292 †
- Besh-parmak, Karia, IX. 51
- Besser, von: Bericht . . . der deutsch-englischen Grenze zwischen dem Niger Coast Protectorate und Kamerun, XIII. 215 †; Bericht über seine Bereisung des Ndiangebietes, XIII. 93 †
- Bessey, C. E.: Are Trees advancing or retreating upon the Nebraska Plains? XV. 66 §, 299 †
- Besson, L.: L'avenir agricole des hauts plateaux de Madagascar, XX. 558 †; Madagascar, pays Betsiléo et sud de

BEZOLD

- Pile, XX. 558 †; Voyage au pays des Tanala indépendents de la région d'Ikongo, III. 532 †
- Best, E.: Te Whanga-Nui-A-Tara, XIX. 531 †
- , E. F.: Utilization of vacant Public Lands, IX. 578 †
- Besut river, Malay Pen., IX. 14
- Bethé, Capt.: journey to Ufumbiro mts., XIII. 534
- Bétsaku, Madagascar, VI. 238
- Betsimisarak, Histoire de la fondation du Royaume: G. Grandidier, XV. 665 †
- Bettini, G.: Itinerarii da Asmara verso sud, I. 470 †
- Betton, G. S.: Murchison Falls, XX. 245 †; Prospective railway developments in Br. Equatorial Africa, XX. 354 †
- Bettoni, Angela (Biography): Cosimo Bertacchi, XX. 472 †
- Betyndingen af Landenes geografiske Forhold: O. E. Madsen, VII. 685 †
- Betz, H.: Ein Ausflug nach den Yangtze-Groten, XVI. 486 †
- Bevan, T. H.: Did de Quiros land in Queensland? XVI. 479 §, 494 †; Discovery of Aird and Purari rivers, XIII. 96 †; Discovery of the Great Purari, VII. 218 †; Gold Rush to Br. New Guinea, XIII. 96 †
- , G. P.: Home Geography of England and Wales for use of schools, II. 88 †
- , J. O., J. Davies, and F. Haverfield: Archaeological Survey of Herefordshire, X. 227 †
- Beveridge, H.: Sahibganj and Rajmahal, I. 469 †
- Bevervoorde, E. van: Een Bezoek aan de Bataksche Hoogvlakte, I. 182 †
- Bewick, Morning & Co.: Map of W. Australian Goldfields, VII. 573 †
- Beyaza, Persia, VII. 32
- Beyje, Asia Mi.; altitude, IX. 275
- Beyjik, Asia Mi.; town and ancient sites, IX. 265
- Beyaan, K.: Arctic work, II. 467
- Beyram Bey: Kairuan, XI. 95 †
- Beyrich, E.: biography, IX. 114 †
- Beythien, H.: Eine neue Bestimmung des Pols der Landhalbkugel, XIII. 219 †, 543 §
- Bezau Daghi, Asia Mi., XIV. 511
- Bezerra, A.: Alguas origens de Ceará, XIX. 236 †
- Bezeichnung der Flussufer bei Griechen und Römern: H. Sturenburg, XI. 459 †
- Bezold, W. von: Bericht über die Thätigkeit des Preussischen Meteorologischen Instituts, X. 647 †; XVII. 454 †; Der normale Erdmagnetismus, VII. 568 †; Der Wärmeaustausch an der Erdoberfläche und in der Atmosphaere, I. 471 †; Deutsches Meteorologisches Jahrbuch für 1890, IV. 382 †; Ergebnisse der

BHAGAVATA

- Niederschlagsbeobachtungen 1894, X. 451 †; on Radiation, I. 542; Ueber die Temperaturänderungen, etc., XIII. 460 †; Ueber die Zunahme der Blitzgefahr, XIV. 335 †; Zur Theorie des Erdmagnetismus, XI. 104 †; Zur Thermodynamik der Atmosphäre, XVI. 130 †
- Bhagavata Purana, Topographical List of: J. Abbott, XIV. 335 †
- Bhairab Langwe, Himalayas, XII. 565
- Bhamo, From Shanghai to: R. L. Jack, XIX. 249 *
- Bhotiyas of Juhar, XV. 154
- Bhutan—Bhutan and the Himalayas, etc.: H. H. Godwin-Austen, V. 180 †; The Unknown Indian State; G. Sandberg, XII. 90 †
- Bia, Capt.; Explorations in Congo Basin, I. 226, 356, 449 *
- Biafo glacier, Kashmir, I. 137
- Bianco, A.; nautical map of 1448, V. 225, 230; IX. 185; Memoria della carta di: C. Errera, VI. 588 †
- Bianconi: République du Chili, Cartes Commerciales, etc., VI. 591 †
- Biarritz, Bidart et Villefranche, Sur la tectonique des environs de: L. Bertrand, XIX. 649 †
- Biarn people, New Guinea, XVI. 271
- Biasutti, R.: La base economica delle conquiste geografiche, XVIII. 556 †
- Bible, Helps to the Study of the, published by H. Frowde, II. 382 †
- Biblical Lands, their Topography, etc.: H. Rassam, XII. 209 †
- Bibliographies (*see also* Catalogues and Indices)—
- Africa and the East: G. G. Luzac, V. 186 †
- Americana, Iles Philippines, XVI. 590 †
- Belgian—Académie Royale des Sciences . . . de Belgique, Tables générales XV. 303 †
- Bibliographie brésilienne, Commission Centrale de, etc., VIII. 420 †
- annuelle—Annales de Géographie, IX. 116 †; X. 655 †; XII. 641 †; XIV. 589 †; XVI. 591 †; XVIII. 556 †; XX. 565 †
- Bibliographie von W. Gilbert's 'De Magnete': G. Hellmann, XX. 565 †
- Bibliography of Geography: W. S. Sonnenschein, X. 555 †
- Bibliotheca Geographica: O. Baschin, VI. 101 †; VII. 73 §; IX. 116 †, 227 §; XI. 106 †; XIII. 330 †; XIV. 236 †; XVI. 706 †; XIX. 662 †
- Geographica Germaniæ: P. E. Richter, VIII. 633 §; X. 547 †; Litteratur zur deutschen Landeskunde; A. Kirchhoff und K. Hassert, XIX. 766 †
- Bibliothèque du Dépôt de la Guerre, VIII. 533 †
- Bulletin de la société languedocienne de Géographie, XII. 641 †

BIDDLE

Bibliographies—continued.

- Canadian Naturalist, Summary of Original Articles, IX. 346 †
- Classification bibliographique décimale: E. Sauvage, XII. 641 †
- Colonial Bibliography, XIX. 762
- Genealogy of Sciences as basis of Bibliography: H. Arctowski, X. 344 †
- Geographical Bibliographies: H. R. Mill, VII. 72 †; in Austria, VI. 389; international, XIV. 545; note on, IX. 227; resolution by Congress on, VIII. 292, 294; Russian, XII. 320
- Geographical Works published in U.S.A.: J. M. Boutwell, XIV. 466 †
- Geography, Periodicals relating to, XI. 689 †
- Geological Bibliography: E. de Margerie, X. 332 §
- Geological Literature added to Geological Society's Library, IX. 469 †
- Greek Bibliography: Sakkelionos, VII. 223 †
- Literature of Geography: F. Campbell, VIII. 533 †
- New York State Library, Bulletins, etc., XI. 106 †
- Oriental—Orientalische Bibliographie: A. Müller, IV. 471 †; A. Müller und L. Scherman, X. 344 †; L. Scherman, V. 400 †
- Peru—Bibliotheca Peruana, XI. 100 †
- Problème bibliographique: M. Baudoin, VII. 223 †
- Register . . . der Mathematisch—Naturwissenschaftlichen Classe (Vienna Acad. Sci.), XII. 641 †
- Société de Géographie de Lille, Liste des Conferenciers: E. Cantineau, XVI. 591 †
- Spain and Portugal: R. Foulche-Delbosc, IX. 441
- Stationery Office, Works; published on account of Her Majesty's, IX. 469 †
- Torch and Colonial Book Circular, VII. 223 †
- Travaux scientifiques publiés par J. Thoulet, X. 556 †
- Wichtigste geographische Litteratur: A. Berg, XX. 251 †
- Bibliothèque, Statistica delle, V. 193 †
- Bickersteth, M.: Japan as we saw it, II. 89 †
- Bicknell, A. C.: Travel . . . in N. Queensland, VII. 336 †
- , A. S.; remarks on "A pre-Columbian Discovery of America," V. 238
- Bida, W. Africa, X. 359; Visit to: Bishop Tugwell's Diary, VII. 443 †; Bida and Benin: C. F. Harford-Battersby, IX. 681 †
- Biddle, A. J. D.: Land of the Wine, being an account of the Madeira Is., XIX. 107 †; Madeira Is., XV. 552 †

BIDDULPH

- Biddulph, C.: Four months in Persia, and visit to the Trans-Caspian, II. 90 †
- , Col. J., Journey to Pamirs, VIII. 253
- , Sir M.: Chilas, I. 342 *; remarks on "Explorations in Mustagh mts.," II. 301
- Bidou: L'achèvement du Transsibérien, XIX. 770 †; La pénétration russe en Chine, XVIII. 229 †; Le règlement des affaires mandchouriennes, XX. 242 †
- Bidot et Chevrot: Exploration du trou des Gangônes, XI. 87 †
- Bielawski, J., und V. H. von Hartenthurn: Die topographischen Arbeiten im west-russischen Grenzgebiete, XVIII. 547 †
- Bielenstein, A.: Das lettische Wohnhaus in der Mitte des 19 Jahrhunderts, XI. 681 †; Die Grenzen des Lettischen Volksstammes und der Lettischen Sprache in der Gegenwart und im 13 Jahrhundert, II. 277 †; Eine Fahrt nach Runé, IX. 458 †
- Biéler, S.: Influence du climat sur le développement des races bovines du Valais, XVII. 86 †
- Bielski, P. A.: N. Asia and its Geological Formations, XX. 353 †
- Bielukha mts., Altai: M. Sapozhnikof's visit, XII. 185; XVIII. 620
- Bietz, E. A.: Biography, X. 343 †
- Bienaimé, Capt.: Résumé succinct des résultats du voyage du transport-aviso *la Manche* en Islande, à Jan Mayen et au Spitzberg, I. 89 †; Voyage de *la Manche* à l'Île Jan Mayen et au Spitzberg, IV. 380 †
- Big Game Shooting: S. Phillipps-Wolley, VII. 224 †; Sette anni di caccia grossa e note di viaggio in America, Asia, etc.: F. Scheibler, XVI. 133 †
- Big lake, Canada: *see* Selwyn
- river, Labrador, V. 518
- Begadieh or Bogadich, Mysia, IX. 258, 275
- Bigelow, F. H.: Earth a magnetic shell, VII. 219 †; Investigations in Magnetism and Meteorology, II. 374; Results of International Cloud work for U.S., XV. 302 †; Solar and terrestrial magnetism in their relations to meteorology, XII. 329 †; Studies on Statics and Kinematics in U.S., XX. 670 †; Work of Meteorologist for the benefit of agriculture, commerce and navigation, XVI. 584 †
- , P.: Borderland of Czar and Kaiser, V. 604 †; Colonial administration in different parts of the world, XIX. 241 †; Cruising visit to some German battlefields, XI. 447 †; Paddles and politics down the Danube, I. 81 †; White man's Africa, XI. 314 †
- Biggar, H. P.: Early trading companies of New France, XIX. 235 †, 745 §
- Bigger, F.: Prehistoric settlements at Portunafedog, VIII. 308 †

BINGLEY

- Bigham, C.: Ride through W. Asia, X. 228 †; A year in China, XVIII. 635 †
- Bigoni, G.: La Geografia nelle scuole classiche, X. 345 †
- Bigor stream, Telubin river, IV. 226
- Bigot, A.: Sur les dépôts pléistocènes . . . basse Normandie, X. 646 †
- Bigourdan, G.: La carte de France, XV. 188 †; Sur la mesure de la méridienne de France par Méchain à la fin du XVIII^e siècle, XIX. 649 †; Sur la prédiction des occultations d'étoiles par la Lune, etc., XIII. 327 †
- Bihar, Some new and little-known hot springs in: L. A. Waddell, II. 562 †
- Bihé, Expedição ao: A. de Paiva, VII. 214 †
- Bijelopolje, Novi Bazar, IV. 398
- Bilaur: *see* Bolor
- Bilbao and district, Trade (Foreign Office Rep.), XIV. 577 †; XVI. 695 †
- Bildt, A. C.: Den s.k. Capistrani Krönika in Chigiansha biblioteket i Rom, I. 283 †
- Bille, Mr.: remarks on receiving award for G. Amtrup, XX. 115: do. for T. Thoroddsen and Lieut. Ryder, X. 109
- Billet, A.: Deux ans dans le Haut-Tonkin, XIII. 557 †; Le Haut-Tonkin, XI. 311 †
- Billi, Fra F. di: Short account of the great Kingdom of Tibet, XI. 311 †
- Billinghurst, G. E.: La irrigation en Tarapica, IV. 379 †
- Bilson, J.: Mediæval architecture of Cyprus, XV. 434 †
- Biltmore Forest, Accounts of its treatment, etc.: G. Pinchot, IV. 283 †
- Bimaneesch-Hollandsch Woordenboek: T. Tonker, VI. 201 †
- Bimbia-Fluss, Fahrt in den, und Reise von Kamerun: Komm. Bachem, VII. 113 †
- Bimbo Lamas, Tibet, III. 378
- Bindel, K.: Die Sellagruppe, XVII. 442 †
- Bindlev, T. H.: letter on Lake Boanensis, XII. 534
- Bindloss, H.: Glimpse at the Gold Coast, XVII. 91 †; In the Niger Country, XIII. 421 §, 560 †; Nigeria and its Trade, XVIII. 551 †; Visit to W. Sahara, XI. 96 †
- Binger, Capt.: Carte du Haut-Niger au Golfe de Guinée par le pays de Kong et le Mossi, III. 354 †; Expedition from Ivory Coast to S. Sudan, M. Monnier on, I. 163; Founder's medal awarded to, XIII. 654, XIV. 102; Les Lignes télégraphiques dans l'Afrique occidentale française, XV. 419, 551 †
- Bingerville, Ivory Coast, XVII. 307; la nouvelle capitale de la côte d'Ivoire: M. Clozel, XVIII. 232 †
- Bingham, H.: visit to Gilbert Is., VI. 341
- Bingley, A. H.: Improvement . . . of Transport in India, VIII. 650 †

H

BINGUEL DAGH

- Binguel Dagh, Kurdistan, III. 83
 Bin Jabara, Wadi, Tripoli, IX. 629
 Binnenseen und der Mensch: W. Halbfass, XX. 364†; Zur Physik der Binnenseen: W. Ule, XIII. 568†
 Biogradsko lake, Montenegro, IV. 396
 Biographies—
 Abich, H., VI. 587†
 Albert, I., Furst von Monaco: P. Paulitschke, IV. 90†
 Baker, Sir S. W.: T. D. Murray and A. S. White, VI. 101†
 Bates of the Amazons: G. Allen, I. 380†
 Beccori, O.: A. Miessler, I. 380†
 Brackebusch, L.: IV. 471†
 Breusing, A.: H. Wagner, I. 283†
 Broadfoot, Major G., I. 473†
 Brugsch, H.: W. Wolkenhauer, V. 400†
 Buddha, Life of and early history of his order; trs. W. W. Rockhill, I. 473†
 Burton, Sir R.: Lady Burton, II. 381†
 Cabots—Di Giovanni e Sabastiano Caboto: F. Tarducci, I. 472†
 Candolle, A. de: W. Wolkenhauer, II. 567†
 Dændels and Raffles: L. van Deventer, VI. 200†, 396†
 Dana, J. D., VI. 101†; (C. Farrington), VI. 396†
 D'Entrecasteaux: Baron Hulot, V. 400†
 Denisot, N., le Conte d'Alsinois: G. Marcel, IV. 471†
 Eck, J.: S. Günther, IV. 471†
 Fischer, T.: F. Umlauf, II. 282†
 Franklin, Sir J.: G. B. Smith, VI. 101†; H. D. Traill, IX. 533§
 Frere, Sir Bartle: J. Martineau, V. 400†
 Günther, S., IV. 90†
 Hakluyt, R.: Sir C. Markham, IX. 686†
 Hartmann, R.: W. Wolkenhauer, II. 282†
 Hauer, F. R. von: F. Umlauf, III. 257†
 Hay, Sir J. Drummond, IX. 468†, 536§
 Henry the Navigator, Prince: A. Alves, V. 187†
 Hodgson, Brian H.: Sir W. W. Hunter, IX. 468†, 535§
 Infante Imperatriz da Allemanha e Rainha da Hungria: L. Cordeiro, VI. 101†
 Ismail Pacha, VI. 101†
 Joule, J. P.: O. Reynolds, I. 283†
 Keleti, K.: L. Palóczy, I. 380†
 Khama: Story of an African Chief: Mrs. Knight-Bruce, IV. 471†
 Laube, VI. 396†
 Leichhardt, J. W. L.: K. Wilke, V. 400†
 Lowenberg, J., III. 76†
 Lyell, Charles, and Modern Geology: T. G. Bonney, VI. 588†

BIOGRAPHICAL**Biographies—continued.**

- Marsden, S., Memoir of the life and labours of, II. 382†
 Menke, T., I. 187†
 Mercator, G.: P. Dinse, V. 400†; W. Wolkenhauer, V. 186†
 Muller, F.: F. Umlauf, II. 282†
 Novara, D. M.: F. Borsari, V. 400†
 Oppert, E.: A. Miessler, V. 186†
 Oswell, W. C.: T. Hughes, V. 186†
 Pancaldo, L.: P. Peragallo, VI. 396†
 Paris, M. l'amiral: E. Guyou, VI. 101†
 Penck, A.: F. Umlauf, I. 571†
 Pouchet, G.: E. Retterer, VI. 101†
 Ramsay, Sir A. C.: Sir A. Geikie, V. 400†
 Ratzel, II. 282†
 Rawlinson, Sir H., VI. 397†
 Reclus, E., VI. 397†; (W. Wolkenhauer), IV. 90†
 Reiss, W., IV. 90†
 Rennell, Major J.: Sir C. R. Markham, VI. 101†
 Ruge, S., IV. 90†
 Ruspoli, E.: C. Keller and U. Ferrandi, IV. 471†
 Sandeman, Sir R.: T. H. Thornton, VI. 397†
 Schrenck, L. von, and A. von Middendorf: W. Wolkenhauer, IV. 471†
 Segato, G.: A. Wolynski, IV. 90†
 Seutter, M.: C. Sandler, VI. 397†
 Slatin Pasha, VI. 397†
 Slevin, T. E.: G. Davidson, VI. 397†
 Thomson, J.: Rev. J. B. Thomson and others, IX. 534§, 584†
 Topley, W.: H. B. Woodward, V. 187†
 Twelve Indian Statesmen: G. Smith, XI. 207†
 Uzielli, G., IV. 471†
 Vasco da Gama: L. Cordeiro, VI. 102†
 Vespucci, A., Letters of, etc.: Sir C. R. Markham, IV. 472†
 Vogel, H. K.: J. Holetschek, III. 257†
 Walker, Sir Beauchamp, VI. 102†
 Weinek, L., VI. 102†
 Westenrieder, L. von: C. Gruber, VI. 200†
 Wild, J.: J. J. Egli, V. 187†
 Wolf, J. R.: A. Weilemann, IV. 90†
 Xántus, J.: G. Aladár, VI. 397†; L. Palóczy, VI. 102†
 Biographical Dictionaries, etc.—
 Chambers': D. Patrick and F. H. Groome, XI. 460†
 Diccionario Biografico de Estrangeros en Chile: P. P. Figueroa, XIX. 240†
 Dictionary of National Biography; ed. S. Lee, †I. 186, 472; II. 189, 567; III. 164; IV. 90, 471; V. 400; VI. 587; VII. 449; VIII. 195; IX. 114; X. 343; XI. 105; XIII. 330; XIV. 124; XVI. 132, 494; XIX. 240
 Geographische Nekrologie für 1898 und 1899: W. Wolkenhauer, XVI. 132†
 Trabalhos Nauticos dos Portuguezes;

BIOGEOGRAPHICAL

Biographical Dictionaries—continued.

- constructores navares: S. Viterbo, XV. 557 †
 Who's Who 1900, XV. 446 †
 Bio-geography, Semon on, IX. 651; C. H. T. Townsend, VII. 333 †; Lage und Form biogeographischer Gebiete: A. Jacobi, XVII. 97 †; Pflanzen- und Tierverbreitung: A. Kirchhoff, XVII. 215 †; see also Biology, Botany, Distribution, Plants, and Zoogeography
 Biolley, P.: Du lac de Grenade . . . par le fleuve San Juan, VII. 565 †
 Biologia Centrali-Americana; Archaeology: A. P. Maudslayi, II. 565 †; VI. 584 †; VIII. 191 †; IX. 463 †; XI. 685 †; XIII. 457; XV. 196 †; XVI. 372 †; XVII. 559 †; XX. 360 †; The Archaic Maya inscriptions: J. T. Goodman, IX. 578 †
 Biology—
 Biological Collections of *Balæna* expedition, VII. 518
 ——— Distribution and Temperature: H. Merriam on, VI. 188
 ——— Station on the Great American Lakes, XIX. 756
 New Creatures for Old Countries, XVI. 493 †
 Bion, W. A.: Meteorology of Vizagapatam, XIV. 115 †; XV. 437 †
 Bir Abu Ballah, sand-dunes, XV. 2
 Bir Barhut volcano, Hadramut, IV. 329; VI. 132
 Birch, E. W.: Annual report of State of Negri Sembilan, XI. 452 †
 ———, W. F.: Prospect from Pisgah, XII. 209 †
 Birchenough, H.: Expansion of Germany, XI. 447 †; Some aspects of our Imperial Trade, XI. 575 †
 Bircher, H.: L'Australie, X. 553 †
 Birch-ganga stream, N. India, IV. 162
 Bird, C.: Geographical teaching in day schools, XIX. 112 †; School Geography, XII. 547 †
 ———, G. W.: Wanderings in Burma, XI. 683 †
 Birds, Distribution of, Zoo-Geographical Areas of the World, illustrating: B. Sharpe, II. 372; Extensive migration, etc.: T. H. Montgomery, VIII. 425 †; Migration in British Isles: W. E. Clarke, IX. 235 †; of Abyssinia, XV. 119; Wanderungen der Vogel: C. Floericke, XX. 108 §, 234 §, 250 †
 Birdwood, Sir G.: Etymology of Africa and Ophir, XVI. 134 †; Hill Forests of W. India, XV. 80 †; Register of Letters, etc., of the Governor and Company of Merchants of London trading into the E. Indies 1600-1619, II. 278
 ———, H. M.: Recent epidemics of plague in Bombay, XIII. 90 †
 Bir-el-Ain, Visite à la vallée du: A. Gayet, IX. 681 †

BISERAT

- Birge, E. A.: Some problems of limnology, XV. 444 †
 Birjand, Persia, XIX. 150; XX. 78, 83
 Birikani, water-holes, V. 556
 Birkeland, K.: Expédition norvégienne pour l'étude des aurores boréales, XX. 564 †
 Birkenheim, A. M.: Present economic state of Syria and Palestine, XII. 209 †
 Birket es Sultan, Jerusalem: C. Schick, XIII. 215 †
 Birkner, F.: Herkunft der Magyarischen Fischerei, XVII. 83 †
 Bir Lammass, S. Arabia, XII. 61
 Birmans Karins, Ethnographie des: J. B. Bringaud, IX. 104 †
 Birmingham—Bringing of water to: J. Mansergh, XV. 57 §, 190 †; How the Welsh water will come to Birmingham: W. H. Y. Webber, XVIII. 547 †; District, Cyclists' road map: J. Bartholomew, XX. 474 †; Plan: J. Bartholomew, VIII. 197 †; growth of, X. 529; Teaching of geography in: C. Lapworth, I. 558; University, Geography at, XX. 548
 Biscay, Bay of—
 Analyse lithologique de fonds marins provenant du golfe de Gascogne: J. Thoulet, XII. 329 †
 Cable fractures, X. 272
 Circulation océanique dans le golfe de Gascogne: J. Thoulet, XI. 303, 322 †
 Côte des Landes et bassin d'Arcachon: A. Hautreux, VI. 586
 Courants, vents et orages dans la baie de Saint-Jean-de-Luz: S. de Lagrandval, V. 395 †
 Currents: A. Hautreux, II. 476 †; III. 255 †; IV. 184 †, 463 §, 468 †; Hautreux's and Kergrohen's observations, VIII. 301; deep currents, XI. 303
 Distribution of the magnétite dans les fonds du golfe de Gascogne: J. Thoulet, XII. 217 †
 Gironde et le Golfe de Gascogne au XVI^e. siècle: A. Pawlowski, XIX. 766 †
 Golfe de Gascogne, Températures de la mer, etc.: A. Hautreux, VI. 586 †
 Mission scientifique dans le Golfe de Gascogne: Kergrohen, VII. 683 †
 Observations océanographiques . . . dans le golfe de Gascogne: J. Thoulet, IX. 112 †
 Oceanographical conditions, VIII. 301
 Pêche du thon dans le golfe de Gascogne: A. Odin et G. Rabillier, XIV. 453 †
 Stromversetzungen vor der Bucht von Biscaya: L. Dinklage, VII. 326 †
 Bischoff, H.: Die germanisch-romanische Sprachgrenze in Belgien und Nordfrankreich, XVII. 543 †
 Biscoe Is., Antarctic, XVII. 179; XVIII. 369
 Biserat, Malay Pen., IV. 234

BISHARI TRIBE

- Bishari tribe, Sudan, VIII. 337
 Bishi Singpo village, III. 223
 Bishop, C.: visit to Gilbert Is., VI. 332
 —, Mrs. J. F.: Art of Travelling (interview with), XVI. 592 †; journeys, V. 160; in Korea, IV. 172; in W. Szechuan, X. 19*, 549 †; Korea and her neighbours, XI. 288 §, 312 †; Letter on Rev. L. Warner's Korean journeys, XI. 563; Missions in China, Korea, and Japan, X. 455 †; Notes on Morocco, XIX. 107 †; remarks on "Journeys in the Pamirs and Central Asia," II. 398; on "Recent Journeys in Persia," X. 597; Views in the Far East, IX. 692; Yangtze valley and beyond, XV. 149 §, 191 †
 —, T. L.: Among the Tibetans, I. 468 †
 Biskra and Oases and Desert of Zibans: A. E. Pease, III. 438 †
 Bismarek Archipelago (*see also* New Guinea, German)—
 Bismarek-Archipel und die Salomons-Inseln: A. Hahl, XIV. 463
 Geologische Notizen aus dem Bismarek-Archipel: G. Thilenius, XVII. 95 †, 197; Einige geologische Bemerkungen über den Bismarek-Archipel: Pflüger, XVIII. 337 †
 Küstenkunde des Bismarek-Archipels, XVII. 560 †
 Languages of: S. H. Ray, VII. 218 †
 Ortsnamen in Bismarek - Archipel: Schnee, XIX. 530 †
 Samoa, Bismarekarchipel und Neuguinea: E. von Hesse-Wartegg, XIX. 778 †
 Bismarek mts., New Guinea, IX. 94; XII. 617
 Bismarekburg, Reisebericht des Missionars A. Mischlich in, X. 121 †
 Bison—Aussterben des Wisents: E. Büchner, IX. 659 §, 686 †
 Bliss, H.: Relief of Kumasi, XVIII. 232 †
 Bissagos Archipelago, Voyage to Kagnabak I. in: M. Astrie, VIII. 652 †
 Bisschop, W. R.: Onderzoek van stukken in het India Office, IX. 680 †
 Bissett, W. S. S.: Administrative report on railways in India, VI. 581 †
 Bissy, De Lannoy de: on large-scale Map of the World, I. 254
 Bisutun, Visit to: J. Albu, II. 473 †
 Bittanti, E.: La determinazione delle altitudini presso gli antiche, XIII. 327 †
 Bitter Root Forest Reserve: R. U. Goode, XIII. 94 †
 Bittner, A.: obituary, XX. 461
 Bittner, M.: W. Tomaschek (biography), XX. 251 †
 —and W. Tomaschek: Die topographischen Capitel des Indischen Seespiegels Mohit, X. 339 †; XI. 76 §
 Bitumen and Asphalt: H. Messmer, XVIII. 647 †

BLACK SEA

- Bitumen and petroleum deposits in Kurdistan, III. 89*
 Bizerta—
 Bizerta: Archduke Ludwig Salvator, XII. 326 †
 Bizerte, Les souvenirs du passé: R. Castaing, XVI. 700 †
 —et son nouveau port: C. Maumené, VII. 215 †
 Le chemin de fer de: E. Vassel, XIII. 681 †
 Bjelasmica peak, Meteorological Observatory on, VII. 544
 Bjeluschja-Bai, Aufnahme der: A. von Buschtejew, XII. 644 †
 Bjerkness, V.: Dynamic principle of circulating movements in the atmosphere, XVII. 563 †; Ueber... die Mechanik der Atmosphäre und des Weltmeeres, XIV. 687 †
 Björlikke, K. O.: Den Norske nordpolssekspedition, II. 566 †; Geologiske billeder fra Kristiania by, XI. 566 †
 Björling, A.: expedition to Ellesmere Land, IV. 15, 532
 —and E. G. Kallstenius: Expedition to Greenland, News of, III. 63; relief expedition, III. 419, 433
 Blache, P. Vidal de la: *see* Vidal de la Blache, P.
 Black, C. E. D.: Census of India, III. 216*; Decade of progress in India, III. 506*; Surveys of India, 1892-93, IV. 31; 1893-94, VI. 27; 1894-95, VIII. 57; Railway to India, X. 227 †
 —, J. S.: Journey round Siam, VIII. 429*
 —, W. G.: Meteorology, Seaside, English Channel—Winter, VI. 292 †; Narrative of cruises in the Mediterranean, XV., 661 †; Ocean rainfall by rain-gauge observations at sea, XII. 638 †; XIV. 465 †; Ocean rainfall with chart and tables, IX. 112 †; Summer meteorology, VII. 338 †
 —, W. T.: Fish river Bush, S. Africa, XIX. 655 †
 Black's Guide to Clyde River and Firth: M. J. B. Baddeley and E. D. Jordan, XI. 309 †
 Black Forest—
 Cirque-lakes of; Evidence of Glacial Action in: A. Sauer, III. 435 †
 Halbfass, W.: studies of lakes, XIII. 300
 Land und Leute: Der Schwarzwald: L. Neumann, XX. 350 †
 Seen des Schwarzwaldes: W. Halbfass, XIII. 300 §, 318 †
 —lake and river, N. Canada, IV. 438
 —mts. of Montenegro, III. 508
 Black Sea—
 Coasts—Das Ostufer des Pontus, etc.: G. Radde and E. Koenig, IV. 469 †
 Condition of basin during Pliocene epoch: N. Andrusoff, I. 562 †; II. 63 §

BLACK SEA

Black Sea—continued.

- Deposits: Sir J. Murray, XVII. 454 †
 Euxine Sea of Herodotus, VIII. 621
 Exploration, III. 521; Dr. Radde's journey, II. 457
 Geologische Geschichte des schwarzen Meeres: F. Toula, XVII. 563 †
 Ljlmans, Russian exploration of, XV. 174
 Monograph on: S. Pereyaslawzewa, I. 562 †
 Physical exploration of: N. Andrusoff, I. 49 *
 Population in vicinity, X. 199
 Black Sea and Caspian Sea: Russian Charts, XII. 647 †
 ——— and Sea of Marmora; currents, IV. 255
 ——— and Sea of Azoff; Lighthouses, beacons, etc., XI. 446 †; Observations hydrologiques faites dans la Mer Noire et la Mer d'Azof, XV. 432 †
 Blackie, J. S.: Place-names of Scotland, IV. 186 †
 Blackmore, E. and P. H. Colomb: Manœuvring powers of steamships, VII. 571 †
 Blacknor point, Portland, XI. 630
 Blackwall Tunnel: D. Hay and M. Fitzmaurice, XII. 203 †
 Blackwater Fever: W. H. Cross, XIV. 236 †
 Bladen, F. M.: Historical records of N. S. Wales, III. 535 †; VII. 446 †; IX. 242 †; XIV. 585 †
 Blaikie, W. B.: Itinerary of Prince Charles Edward, X. 227 †, 324 §
 ———, W. G.: C. Africa since death of Livingstone, X. 649 †
 Blake, Sir H.: Notes and impressions from a tour in China, XVII. 86 †
 ———, J. C.: Notes of a journey in S. Spain and Tangier, XII. 428 †
 ———, J. F.: On some superficial deposits in Cutch, X. 119 †; remarks on "Formation of sand-dunes," IX. 305
 Blanc, E.: La Colonisation russe en Asie centrale, III. 531 †; IV. 376 †; VIII. 649 †; Le chemin de fer Transcaspien, VI. 97 †; L'exposition géographique de Moscou en 1892, II. 568 †; L'hydrographie du bassin de l'ancien Oxus, I. 182 †; Note sur la position de . . . Thigès, XI. 95 †; Nouvelle frontière anglo-russe en Asie centrale, VIII. 415 †
 Blanc, Mont: Annales de l'Observatoire météorologique du: Guyot, XI. 680 †; Annals of: C. E. Mathews, XIII. 210 †; Ascension d'hiver au: G. Capus, XI. 88 †; Ascent in 1830: Hon. E. B. Wilbraham, X. 547 †; Berg- und Gletscherfahrten in der Montblanc-Kette: G. Euringer, IX. 457 †; Carte du massif du: Guyot, XII. 321 †; Chaîne du Mont Blanc à travers les siècles: W. A. B. Coolidge, XX. 665 †; Chain of, Map:

BLANFORD

Blanc, Mont—continued.

- E. Whymper, II. 570 †; Chemin de fer du, XVII. 564 †; Chemin de fer du pied au sommet du Mont-Blanc: J. et H. Vallot, XVI. 360 †; Four days observations on: M. Janssen, X. 118 †; Gravità sul Monte Bianco: P. Pizzetti, XIII. 451 †; Guide to Chamonix and range of: E. Whymper, XX. 238 †; Massif of, IV. 367; Note sur les travaux au Mont Blanc: J. Janssen, XV. 188 †; Observatory on: J. Janssen's report, I. 73; Plis parallèles qui forment le massif du Mont Blanc: J. Vallot, X. 118 †; Recherches géologiques . . . sur le massif du Mont Blanc: L. Duparc et L. Mrazec, XIV. 222 †; Sur la détermination de la pesanteur au sommet du: Hansky, XIII. 318 †; Sur les routes du: C. Durier et F. Schrader, IX. 335 †; Sur les travaux exécutés en 1896 à l'observatoire du: J. Janssen, VIII. 647 †; Sur une ascension au sommet du, etc.: J. Janssen, VI. 578 †; Troisième ascension à l'observatoire: J. Janssen, VII. 448 †
 Blanchard, R.: Map of Washington and Oregon, I. 383 †; La pluviosité de la plaine du Nord de la France, XX. 464 †; Study of natural history of Punta Arenas, I. 463
 Blanchet, P.: Biography: P. Vidal de la Blache, XVII. 217 †; Le Djebel Demmer, X. 229 †; La Kalaa des Beni-Hammad, XI. 453 †; Mission archéologique dans . . . le Sud de la Tunisie, XV. 194 †; Villes mortes du Sahara, XII. 433 †
 Expedition to Adrar, XV. 418; XVI. 227, 683; Dr. Dereims on, XVII. 72, 322 †; La Mission Saharienne Blanchet, XVII. 555 †
 Blanckenhorn, M.: Zur Frage des Untergrunds von Sodom und Gomorrha, XVII. 210 †
 Blanco, F.: Diccionario Geografico de la Republica de Bolivia, Departamento de Cochabamba, XX. 560 †
 Blanco Cape, French possessions at, III. 395
 Blaney's I., Pacific O., VI. 334
 Blandford, W. F. H.: The Tsetse fly disease, VII. 686 †
 Blanford, W. T.: Distribution of vertebrate animals in India, Ceylon, and Burma, XVII. 549 †; XIX. 524 †, 633 §; On a particular form of surface . . . on Loch Lochy, XV. 530 §, 662 †; On permanence of ocean basins, I. 231; remarks on "Antarctic voyage of the *Belgica*," XVIII. 390; on "Do glaciers excavate?" I. 449; on "Formation of the Maldives," XIX. 298; on "Evolution of Indian geography," III. 193; on "Geography of N.W. Frontier of India," XVII. 476; on "Glaciers of Kangleh-junga," XIX. 474; on "Sea-beaches

BLANTYRE

- and Sandbanks," XI. 647; on "Southern borderlands of Afghanistan," IX. 421; on "Sub-oceanic physical features off the coast of W. Europe," XIII. 290; on "Topography of S. Victoria Land," XVII. 493; on "Waterways of English Lakeland," VII. 622; on "Western Sierra Madre of Mexico," VI. 438
- Blantyre, C. Africa, I. 100; district, II. 413; progress in, VII. 382; route to Milanji, II. 414
- Blatchford, T.: Geology of Coolgardie Goldfields, XIV. 586 †; Phillips River Mining District, XVII. 680 †
- and E. Allhausen: Geological map of Coolgardie, XIV. 695 †
- Blazin, M.: Le Minervois et la commune d'Olonzac, IX. 231 †
- Blazquez, A.: Description de Iberia, XVIII. 104 †; El teatro de la guerra de Munda, XVII. 318 †; Las costas de Espana en la epoca romana, IV. 186 †; La Milla romana, XII. 219 †; Via romana de Tanager á Cartago, XX. 559 †; Vias romanas españolas, XII. 538 †; XIII. 452 †
- Bleicher, G.: La colline de Malzéville, XV. 546 †; La vallée de l'Ingrassin et ses débouchés dans la vallée de la Meuse, XVII. 524 §, 543 †; Le mineral de fer de Meurthe-et-Moselle, IV. 374 †; Le plateau central de Haye, XVII. 544 †; Statistische Beschreibung der Stadt Frankfurt-am-Main, VI. 483 †; Sur la dénudation de l'ensemble du plateau lorrain, etc., XVI. 243 †; Sur la dénudation du plateau central de Haye ou Forêt de Haye, XV. 433 †
- Bloch, W.: The New S. Africa, its value and development, XVIII. 330 †
- Bleng river, England, VII. 619
- Blessich, A.: M. Camperio (biography), XV. 446 †; I lavori geografici di C. F. Cassini, IX. 114 †
- Blim, E.: Congo français, I. 84 †; Détermination de la position géographique du phare du cap Lopez, XII. 434 †
- et Rollet de l'Isle: Manuel de l'Explorateur, XIII. 328 †
- Blind, K.: Fictitious French claim to Madagascar, V. 89 †
- Blink, H.: Nederland en zyne Bewoners, IV. 185 †
- Bliss, F. J.: First report on excavations at Tell Zakariya, XIV. 116 †; German excavations at Ba'albek, XX. 245 †; Narrative of expedition to Moab and Gilead, VII. 112 †
- Block, M.: L'Europe politique et sociale, I. 180 †
- Block I., Notes on: A. Hollick, XII. 543 †
- Blodgett, J. H.: "Free Burghs" in U.S., VII. 564 †; School text-books in geography, XIII. 688 †
- Blodig, C., and L. Purtscheller: Aus

BLUNDELL

- den Bergen der Mauritanie und der Tarentaise, VII. 106 †; IX. 457 †
- Blomberg, H.: Beim Kabelaufgang auf den Lofoten, IX. 678 †
- Blondel, G.: L'essor industriel et commercial du Peuple Allemand, XI. 565 †; Le port de Hambourg, XI. 680 †
- Blondiaux, Lieut.: explorations on Ivory Coast, XIV. 210; Carte de la mission Blondiaux, XV. 202 †; Le boucle du Niger, XIV. 118 †
- Blount, R. E.: Exercises on U.S. Topographical Maps, XVIII. 242 †
- Bloxam, G. W.: Index to publications of Anthropological Institute, II. 381 †
- Blucher mts., New Guinea, XVI. 269
- Bludau, A.: Die Aerele der europäischen Stromgebiete, XVII. 445 †; Areas of African and Asiatic river-basins, XI. 61; N. American and Australian do., XII. 182; S. American do., IX. 666; Erdumrisskarte in flächentreuer Planisphäre, XVI. 137 †; Flächentreue Gradnetz-Projektionen für die Karten von Süd- und Nord-Amerika und Australien, I. 91 †; Neuer zeitgemässer Bearbeitung von Sohr-Berghaus' Hand-Atlas über alle Teile der Erde, XX. 475 †; Oro- und Hydrographie der preussischen und pommerschen Seenplatte, III. 529 †; Ueber die Projektionen der Erdkarten, IX. 111 †; Ueber die Wahl der Projektionen für die Länderkarten der Hand- und Schulatlanten, VII. 117 †; Was gehört aus der Projektionslehre auf die Schule? XIX. 662 †; Zur Abbildung der Halbkugeln, VII. 219 †
- Blue mts., N. S. Wales, Structure, etc.: T. W. David, XI. 102 †
- Nile or Abai, XV. 114; XVIII. 58, 533; XIX. 87; Photographs of natives and scenery of Blue Nile, etc.: C. W. Gwynne, XVIII. 248
- river, Tibet, XIX. 592; see Murus
- Bluefields town and harbour, Nicaragua, XI. 658
- Blümcke and Hess; borings in Hintereisferner, XX. 534
- Blume, F.: Ajuste de los instrumentos de nivelar, XIX. 532 †
- Blumentritt, F.: Der Batan-Archipel und die Babuyan-Inseln, XIII. 454 †; Die Filipinos als Herren im eigenen Hause, XIV. 226 †; Die Igorroten von Pangasinan, XVI. 578 †; Neue Nachrichten über die Subanon, IX. 576 †; Die Negritos am Oberlaufe des Rio Grande de Cagayan, II. 188 †; Neuere Werke über die Philippinen, VI. 295 †
- Blumat mt., Johore, III. 291
- Blundell, H. W.: Journey in Cyrenaica, V. 168; Through Abyssinia to the Nile, XV. 97*; XVI. 124 †; (Appendix, Notes on Geology, etc.), XV. 264*

BLUNT

- Blunt, G.: General intelligence papers, XVI. 375 †
 —, W. S.: on fuljes of the Nefud, IX. 295
 Bluzet, R.: Explorations in Timbaktu region, VII. 97; La région de Tombouctou, VII. 214 †
 Blydeverwicht, S.W. Africa, II. 35
 Blyth creek, W. Australia, XI. 283
 Boala Karafaia, W. Africa; altitude, etc., X. 394
 Boamensis lake; letter from T. H. Bindley on, XII. 534
 Board of Trade Journal of tariff and trade notices, III. 352 †
 Boas, F.: Chinook texts, VI. 489 †; Daniel G. Brinton, XIV. 689 †; Indians of Br. Columbia, IX. 107 †; Jesup N. Pacific Expedition, XIX. 408 †, 409 †; Journeys in Baffinland, XVIII. 28; Social organisation . . . of the Kwakiutl Indians, XII. 634 †; Sprachenkarte von Britisch-Columbien, VII. 342 †; Zur Ethnologie von Britisch-Columbien, VI. 392 †
 Bober, H.: Dislokations-Karten der gesammten Russischen Armee, VI. 202
 Bobo, Capt.: Les habitants du Laos, XIII. 453 †
 Bobrinsky, Count A.: Ornament of Tajiks of Darwaz, XVIII. 454 †
 Boccoardo, J.: observations on variations of latitude at Teramo, XV. 541
 Büchke, Rich.: biography, XV. 303 †
 Bodding, P. O.: Santalfolket i fortid og nutid, XX. 243 †
 Boddy, A. A.: Days in Galilee and scenes in Judæa, XVI. 698 †; From the Egyptian Ramleh, XVI. 124 †; With Russian pilgrims, etc., I. 374 †
 Bodenbender, G.: Devono y Gondwana en la Republica Argentina, XI. 99 †; El suelo y las vertientes de la Ciudad de Mendoza, XII. 101 †; La Cuenca del valle del Rio 1° en Córdoba, IV. 378 †; La llanura al este de la Sierra de Cordoba, VI. 97 †; Pampa-Ebene im Osten der Sierra von Córdoba in Argentinien, III. 74 †; (on Pampas of S. America), III. 318
 Bodleian tapestry maps, IX. 212
 Bodsohn, P. L.: Reise in unabhängigen Sikkim, XIX. 396 †
 Body, J. B.: Drainage of valley of Mexico, XVIII. 333 †
 Boegan, E.: Les grottes de Corniale, etc., XI. 87 †
 Boegner et Germond: Rapport sur la délégation à Madagascar, XVI. 581 †
 Boehm, A. von: see Böhm
 —, G.: Reiseskizzen aus Transkaspien, XIV. 336 †
 Boeotia, G. B. Grundy's Surveys in, I. 262
 Boer Republics: see Transvaal, and Africa, South

BOHEMIA

- Boetticher, E.: Cuba und die Spanische Kolonisation, VIII. 193 †, 421 †
 Boëufvé, E.: Le port de Bremerhaven, XIX. 393 †
 Bogdanov, P.: Lake Chater-Kul, XVIII. 108 †
 Bogdanovitch, K.: explorations in E. Siberia, X. 635; XI. 175; XIII. 658; XVI. 222; (letters from), XII. 207 †; Description géologique de l'extrémité sud de la presqu'île de Liao-toung, XVII. 208 †; Einige Bemerkungen über das System des Kwenlun, VII. 331 †; Surveys of, and the Pevtssof Expedition: E. D. Morgan, II. 55*
 Bogdo-ola lake and peak, C. Asia, VII. 657
 Bogenhausen, Telegraphische Langenbestimmungen zu: C. von Orff, VIII. 527 †
 Boggiani, G. T.: I Caduvei, VIII. 193 †; I Ciamacoco, IV. 579 †; La questione dei confini tra le repubbliche del Paraguay e della Bolivia, XI. 203 †
 Bognor, Sussex, XV. 371; Bognor Climatological Society, Annual report: H. C. L. Morris and A. G. Thompson, XX. 553 †
 Bogolyubsky, I. S.: Notice on lake Baunt and its springs, XI. 196 †
 Bogos or Botshok group, Caucasus, I. 63
 Bogoslovsky, N. A.: Instruction for exploration and description of rivers, XI. 458 †; Quelques observations sur les sols de la Crimée, XII. 322 †; Selengu river in Trans-Baikalia, XI. 196 †
 Bogota, Andes of: A. Hettner, I. 94 †
 Bogoyavlensky, N.: Upper Amu Darya, XIX. 106 †
 Bogs—
 Bog-flow in Kerry, Report: R. L. Praeger and W. J. Sollas, XI. 309 †; XII. 204 †
 Bog-slide of Knocknageeha: G. A. Cole, IX. 337 †
 Ueber Moorausbrüche: J. Früh, XI. 206 †
 Bogue, V. G.: Stampede Pass, Cascade Range, Washington, VI. 583 †; VII. 444 †
 Bohemia—
 Abfluss- und Niederschlagsverhältnisse von Böhmen: V. Ruvarac und A. Penck, IX. 335 †
 Allemands en Bohême, etc.: B. Auerbach, XII. 425 †
 Bohemian Question, The: Count Lützow, XIII. 86 †
 Deutsch-tschechische Sprachgrenze in Nordböhmen: P. Langhans, XIV. 674 †
 Deutsche Sprachgebiet in Süd- und Ostböhmen: J. Zemmrich, XIX. 391 †
 Evaporation and drainage in, V. Ruvarac and A. Penck on, IX. 563

BOHEMIA

Bohemia—continued.

- Geologische Karte des böhmischen Mittelgebirges: V. Uhlig, XVII. 443 †
- German and Czech in N.W. Bohemia: J. Zemmrich on, XVI. 553
- Graolitze Erdbeben: F. Becke, XV. 293 †
- Karlsbadn Thermen während des vogtlandisch-westböhmisches Erdbebens: J. Knelt, XV. 293 †
- Mittegebirge Deutschböhmens: E. Wagner, XX. 238 †
- Pictures from: J. Baker, IV. 575 †
- Sprachgrenze in Westböhmen: J. Zemmrich, XV. 432 †, 545 †; XVI. 553 §; XVII. 83 †
- Sugar industry (Foreign Office Rep.), XVIII. 320 †
- Tcheques et la Bohème contemporaine: J. Bourlier, X. 338 †
- Unterirdische Detonation von Melnik in Böhmen: J. F. Woldrich, XV. 293 †
- Bohio dam, Panama canal, XIX. 329
- Bohler: Deutschrift zur Karte von Ost-Usambara, XVIII. 109 †; Ost-Usambara, XVII. 329 †
- Bohlin, K.: Ueber eine sonderbare... beobachtete Nordlichterscheinung, XIV. 344 †
- Böhm, A. von: Die alten Gletscher der Mur and Mürz, XVI. 483; Biographie Freidrich Simony's, XIV. 347 †; Eintheilung der Alpen, II. 184 †; III. 54 §; Erinnerung an Franz von Hauer, XIV. 235 †; Geschichte der Moränenkunde, XIX. 532 †; Vollendung des Dachsteinwerkes, VIII. 305 †
- Böhmmerwald—Seen des Böhmerwaldes: P. Wagner, XIII. 530 §; XV. 78 †
- Bohn, F.: Le développement économique de nos Colonies de l'Afrique occidentale, XVI. 368 †
- , R.: Die Siedelungen in der Leipziger Tieflandsbucht nach Lage und Gestalt, XX. 239 †
- Bohotle, Somaliland, wells at, XI. 29
- Bohtan river, Kurdistan, XVIII. 122
- Boileau, F. F. R.: Nyasa-Tanganyika plateau, XIII. 577 *
- Boillet, L.: Aux Mines d'Or du Klondyke, XIV. 339 †
- Boinet Bey: Recensement général de l'Égypte, XI. 569 †
- Bois, Glacier des, Alps, I. 488
- Bois de Boulogne: Barras and de Jonquières, XVII. 443 †
- Boisragon, A.: Benin massacre, X. 650 †
- Boissier, A.: En Cappadoce, XI. 194 †
- Bojador cape, W. Africa, III. 396
- Bojana river, Montenegro, IV. 391
- Bokaha; Quelques notes sur le pays, ses habitants et ses ressources: E. Thomas, VII. 564 †

BOLIVIA

- Bokhara (*see also* Asia, C. and Turkestan)—Barren der Danduschka: W. R. Rickmers, XIV. 582 †
- Bokhara: W. R. Rickmers, XVI. 366 †
- Bilder aus: H. Vambéry, VIII. 529
- Exploration of: Kouznetsoff, X. 210
- Journey through the Khanate of Bokhara: Mrs. R. Rickmers, XVI. 248 †
- Reise nach Ost-Bokhara: W. R. Rickmers, X. 120 †
- Russians in Bokhara and Khiva, X. 198
- Travels in: W. R. Rickmers, XIV. 596 *
- Une visite à la prison de Bokhara: E. Laurent, VII. 329 †
- Zur Kenntnis der Bevölkerung Bucharas: O. Heyfelder, V. 280 †
- Bolam Su, Asia Mi.; Roman bridge over, VIII. 322, 330
- Boland, H.: Les Iles de la Manche, II. 472 †
- Bolassa valley, Abyssinia, XVIII. 54
- Boldt, R.: Djupkarta öfver Lojo sjö, ostrahälften, VIII. 412 †; Ortbeskrifningen i Finland på 16- och 1700-talen, XVI. 245 †
- Bolet-Paraza, Don N.: Republic of Venezuela, I. 184 †
- Bolgary, Aux Ruines de: H. Krafft, IX. 574 †
- Bolivar, S.: L. Vincent et J. Humbert, XIII. 99 †
- Bolivar, Colombia: Carta corografica del Departamento de: F. Simons, VII. 228 †
- Bolivia (*see also* Peru)—**
- Anexos a la Memoria del Ministro de relaciones exteriores y culto presentada al Congreso ordinario de 1900, XVIII. 553 †
- Asuntos Internacionales, I. El Sudeste de Bolivia: F. Iraizos, XVIII. 335 †
- Boletin del Observatorio Meteorológico, XVIII. 457 †
- Bolivia by the Rio de la Plata route (Bolland): G. E. Church, XIX. 64 §
- Bolivian Altiplanicie: D. R. Urquhart, IV. 284 †
- Andes: Sir M. Conway, XVIII. 335 †, 612 §; Exploration in: Id., XII. 193; XIV. 14 *, 341 †; XVIII. 612 §
- basin, drainage area, XII. 387
- Bolivianische Territorium Acre und seine Revolution, XIX. 235 †
- Bureau of American Republics, Bulletins, VII. 680 †
- Camaras Legislativas de 1902, XX. 671 †
- Caracteres seismicos de los Andes y del territorio boliviano: B. Saavedra, XIII. 566 †
- Censo nacional de la población de la República, XIX. 659 †
- Colonias, La provincia de Caupolicán y el decreto supremo sobre la

BOLIVIA**Bolivia—continued.**

- creación del Territorio Nacional de: S. L. Ballesteros, XIX. 236 †
- Construcción de un ferrocarril de la Laguna Gaiba a Santa Cruz de la Sierra, XVII. 213 †
- Descriptive notes on S. Plateau, etc.: C. M. S. Pasley, III. 105 *
- Diccionario Geográfico de la Departamento de Cochabamba: F. Blanco, XIX. 775 †
- Distrito minero de plata de Potosí: A. F. Wendt, XIX. 658 †
- División político-administrativa de la República de Bolivia, XX. 469 †
- Einige Wochen auf der bolivianischen Puna: C. Nusser-Asport, XIV. 684 †
- El cobre en Bolivia: M. V. Ballivian y B. Saavedra, XII. 635 †
- El oro en Bolivia: M. V. Ballivián y J. Zarco, XII. 635 †
- Estáno en Bolivia seguido de un apéndice y de apuntes sobre el vismuto: M. V. Ballivian y B. Saavedra, XVI. 584 †
- Flora and fauna, III. 111
- General arbitration treaty celebrated between Peru and, XX. 469 †
- Geografía Comercial de la América del Sur: C. B. Cisneros y R. E. García, XII. 635 †
- Geología de Bolivia y del sud del Peru: D. Forbes, XVII. 679 †
- Goma-elástica, Estadística de la: M. V. Ballivian, XV. 554 †
- , Viage á la región de: J. M. Pando, VI. 97 †
- Industria en: P. Kramer, XV. 554 †
- de la goma elástica . . . el Departamento del Beni: M. V. Ballivian, IX. 108 †
- Informe que presenta al Señor Ministro de Colonización: P. Baldivieso, X. 341 †
- Kautschuk und Gold: C. Nusser-Asport, XI. 202 †
- Kolonisationsprojekt der bolivianischen Regierung: C. Nusser-Asport, IX. 241 †
- Memoria que presenta el Secretario General de Estado a la Convención Nacional, XVI. 126 †
- Monografía de la Provincia de Muñecas: R. Paredes, XIII. 566 †
- Notes on: P. Suarez, XX. 469 †
- Noticia Política Geográfica Industrial y Estadística de Bolivia: M. V. Ballivian, XX. 127 †
- Photographs, during journey to La Paz: L. A. Wallace, XV. 96
- Position, products, and prospects, XVIII. 644 †
- Railway project in S. Bolivia, XVI. 565
- Recent discoveries in basin of Madre de Dios: Sir C. R. Markham, VII. 187 *

BOLIVIA**Bolivia—continued.**

- Relación de la Provincia de la Virgen del Pilar de Mojos: Padre Marbán, XIII. 566 †
- Relaciones geográficas de Bolivia: Ballivián, XI. 571 †
- Revista de la Oficina Nacional de Inmigración, etc., XI. 571 †
- Road to Bolivia: W. E. Curtis, XVI. 490 †
- Rubber industry: M. V. Ballivian, IX. 108 †, 448
- Some undeveloped resources of: Sir M. Conway, XV. 442 †
- Territories of: A. Quijarro, I. 281 †
- Un nuevo Departamento: P. Kramer, XI. 318 †
- Villa Bella a Trinidad: L. Balzan, III. 534 †
- Boundaries—
- Arbeiten zur Feststellung der nord-westlichen Grenzen von: C. Nusser-Asport, XI. 318 †
- Fronteras de: A. Guzmán, XX. 469 †
- Argentina and Chile, VIII. 640; XIV. 322; Bolivia y Chile—Antecedentes históricos: J. C. Valdes, XVIII. 235 †; Grenzverträge Chiles mit Bolivia und Argentinien: H. Polakowsky, IX. 108 †; Limits of Bolivia and Argentine Republic: S. Oropeza, I. 471 †
- Brazil, XIX. 220; Comisión demarcadora de Límites con el Brazil: A. Ballivian, XX. 127 †, 671 †; Cuestión de Límites con el Brasil: J. L. Muñoz, XIX. 659 †; Cuestión internacional del Acre: J. T. Camacho, XVIII. 335 †; Demarcación de Límites con los Estados Unidos del Brazil: M. V. Ballivián, XII. 101 †; Límites con el Brasil y la "cuestión del Acre": B. Saavedra, XVIII. 335 †; Límites do Brazil com a Bolivia: A. Freitas, XX. 560 †
- Paraguay, XVII. 533; Bolivia-Paraguay Frontier: H. Polakowsky, VII. 205 §; Límites entre Bolivia y el Paraguay: A. Quijarro, XIX. 529 †
- Peru—Cuestión de Límites entre Bolivia y el Peru, X. 553 †; XI. 318 †; Límites de Bolivia con el Perú: F. N. Armentia, X. 651 †
- Cartography, etc.—
- Apuntaciones para el mapa publicado por Sir M. Conway en el Boletín de la Real Sociedad Geográfica de Londres, XVII. 558 †
- Cordillera Real, Notes on Map of: Sir M. Conway, XV. 528; XVI. 126 †
- Mapa de Bolivia: C. B. Cisneros and R. E. García, XII. 645 †
- elemental de Bolivia: E. Idiaquez, V. 95 †
- postal de: V. E. Sanjines, X. 347

† Bibliographical entry.

§ Review or analysis.

BOLIVIA**Bolivia—continued.**

- N. Bolivia and President Pando's map: G. E. Church, XVIII. 144 *
 Survey, XVII. 664
 Exploration—
 Cerceau (east), XVI. 564; Mercier (north), III. 517
 Diario del viaje . . . Departamento del Beni: M. V. Ballivian, IX. 108 †
 Expedición al Inambari: J. M. Pando, XII. 544 †; Viaje á la región de la goma: Id., VI. 97 †
 Exploraciones efectuadas en el Norte de la Republica, X. 553 †
 Explorations in Bolivia and Peru: Muños and others, X. 443
 Bolkalakh, N. Siberia, III. 412
 Bolland, E.: Exploraciones practicadas en el alto Paraguay, etc., XIX. 110 †; Surveys in Bolivia, XIX. 64 *
 Boller, W.: Das Südlícht, IX. 244 †; observations on soil-temperature, VIII. 301; Untersuchungen über die Bodentemperaturen, VII. 327 †
 Bolor, Bilaur, or Po-lo-lo, C. Asia, VIII. 247
 Bolter pass, Spitzbergen, IX. 358
 Bolton, H. C.: Catalogue of scientific and technical periodicals, XII. 641 †; Physical geography of N.E. Lancashire, X. 227 †
 —, J.: The Facts about the Venezuela boundary, VII. 334 †
 Bolvanskaya bay, Russia, XIX. 369
 Boma district, E. C. Africa, XIX. 673
 Bombare country, Sierra Leone, IV. 129
Bombay—
 Brief sketch of meteorology, XIII. 558 †
 From Bombay through Babylonia: J. G. Paterson, IX. 574 †
 Letters . . . preserved in Bombay secretariat, Index to: G. W. Forrest, XVII. 87 †
 Magnetical and meteorological observations, VII. 677 †; IX. 338 †; XV. 80 †; XVIII. 455 †
 Notes on Indian History and Geography: J. F. Fleet, XVIII. 636 †
 Origin of: J. G. da Cunha, XVII. 446 †
 Plague in, Recent epidemics: H. M. Birdwood, XIII. 90 †
 Tansa Works for Water-Supply: W. J. B. Clerke, IV. 376 †
 Bombo, E. C. Africa; height and position, IV. 436
 Bomsdorff, O. von: Spezial-Karte vom Harz, XII. 108 †
 Bonanza creek, gold in, XII. 31
 Bonaparte, Prince R.: Mesures . . . des glaciers de la région française, VIII. 188 †
 Bonar, H. A.: From Japan to Europe by the Trans-Siberian route, XIX. 770 †
 Bonaventure, Père: Dans les forêts Khondes de Ganjam, VIII. 529 †; L'Islande, XVI. 571 †

BONNEY

- Bonavista, probable landfall of J. Cabot, IX. 608, 614, 615
 Bonbonkoro, W. Africa, X. 394
 Bonchamps, Marquis de: expedition between Abyssinia and Nile, XII. 316; Expédition du Katanga, III. 161 †; Mission de Bonchamps: C. Michel, XVIII. 299 §; Surveys of: XV. 177; Résultats géographiques: C. Michel, XVI. 476 §, 580 †
 Bonde Country, E. Africa: H. W. Woodward, VIII. 602 *
 Bondu—Le Bondou, Etude de géographie, etc.: A. Bançon, IV. 577 †; V. 182 †
 Bonduku, C. Africa, I. 164
 Bonelli, D. E.: Exploraciones en Fernando Póo, VIII. 532 †
 Bongté pass, Siam, VI. 407
 Boni, G.: Lagoons of Venice, XII. 427 †
 Bonin, C.: Journeys—across Asia, XV. 417; XVI. 99; XVII. 526; China and Tibet, VIII. 515; IX. 220; X. 94; XII. 229; XIII. 532; XIV. 206
 A travers le Yun-Nan, le Thibet et la Mongolie, IX. 574 †; De Pékin à la Mer Noire à travers l'Asie, XIX. 395 †; De Tourane au Mékong, VIII. 416 †; Empire Chinois, Mission Bonin, XIII. 677 †; La navigabilité du fleuve Bleu, XVII. 673 †; Les grandes voies commerciales de l'Asie centrale, X2. 567 †; Les mines d'or du Kansu occidental, XVII. 673 †; L'exploration au Tibet oriental, IX. 236 †; Note sur les anciennes chrétiennités de l'Asie centrale, XVI. 575 †; Note sur les résultats géographiques de la mission au Tibet, XIII. 677 †; Voyage de Bonin à travers le Tibet, VIII. 530 †
 — et F. Grenard: Les derniers voyages dans le Tibet oriental, XIV. 457 †
 Bonin Is.—Bonin and Riukiu Is.: S. Yoshikawa on structural features of, XX. 228; Geological age of Ogasawara group, XX. 466 †
 Bonita point, Empire Rocks of: J. L. Ransome, IV. 378 †
 Bonnard: A propos du Transsaharien, XIX. 400 †
 Bonnel de Mézières: *see* Mézières
 Bonney, T. G.: biography, XVIII. 648 †; Charles Lyell and modern geology, VI. 588 †; Do glaciers excavate? I. 481 *; Col. Feilden's contributions to glacial geology, XVI. 495 †; Ice-work present and past, VII. 567 †; The Kirchet and its critics, XI. 458 †; Limits between geology and physical geography, II. 532; Relation of certain breccias to the physical geography of their age, XX. 130 †; remarks on "Exploration of some glaciers of Spitzbergen," XII. 156; on "Contributions to physical geography of Br. E. Africa," IV. 516; on "Explorations in the

BONNEY

- Bolivian Andes," XIV. 31; "Exploration on and around Aconcagua," XII. 490; on "Formation of sand-dunes," IX. 302; on "Survey of the English Lakes," IV. 240; "The Story of our Planet," IV. 89 †; Volcanoes, their structure and significance, XIII. 687 †; Year-book of Science, I. 381 †
- Bonney and E. Hill: Additional notes on the drifts of the Baltic coast of Germany, XVII. 544 †
- Bonnevie, Capt.; obituary, XIX. 516
- Bonneville lake; Predecessor of Great Salt Lake; J. E. Talmage, XX. 670 †
- Bonnier, G.: La Géographie botanique expérimentale, XX. 234 §, 472 †; Leçon d'ouverture du cours de géographie botanique à la Sorbonne, III. 536 †; IV. 367 §; Les plantes de la région alpine, etc., VII. 118 †; Remarques sur les variations des limites de la région méditerranéenne, XVI. 245 †
- Bonola Bey, F.: Don P. Rosignoli (biography), XII. 105 †; Explorations italiennes dans le pays des Somalis, IX. 105 †; In Memoria di Carlo Piaggia, VII. 222 †; Le Musée de Géographie et d'Ethnographie de Caire, XIV. 236 †; XV. 550 †; Question des noms géographiques en Egypte, I. 473 †; II. 169 §, 283 †
- Bonsdorff, A.: Die saeculare Hebung der Kuste bei Reval, etc., IX. 678 †; Om landhöjningen vid Rusterna af Östersjön och Kattegat, XIX. 650 †; on Jäderin's apparatus for measurement of a base-line, I. 556
- Bonvalet, E.: Notes sur la Gambie anglaise, XIII. 560 †
- Bonvalot, J.: Le deuxième centenaire de Duplex, IX. 468 †
- and Capus: journey to Pamirs, VIII. 254
- Bonwick, J.: Australia's first preacher; Rev. R. Johnson, XII. 546 †; Capt. Cook in N.S. Wales, XVIII. 337 †, 446 §; Irish Druids and old Irish religions, IV. 91 †; Progress of British colonies of Australasia, IX. 580 †
- Bookwalter, J. W.: Siberia and C. Asia, XV. 437 †
- Booming glacier, Spitsbergen, IX. 367
- Booraem, J. V.: Note on the tidal bore, XX. 364 †
- Boot, J.: Korte Sehets der Noord-Kust van Ceram, IV. 281 †
- Boothby, G.: On the Wallaby, or Through the East and across Australia, IV. 87 †
- Boothia Felix, XX. 629; Magnetic pole in, XIX. 488
- Bopoto, Upper Congo, XX. 494
- Bora in the Atlantic, Lieut. Kessler on XX. 650
- Borali tribe, VIII. 225
- Boran Gallas, XI. 374; Boran tribe and Karayu Borans, VIII. 134

BORGU

- Boran Highlands, E. Africa, XVI. 604
- Boraston, J. M.: Brazil in 1898, XIV. 584 †
- Borchardt, L.: Bericht über . . . der Tempelbauten auf Philae, XII. 325 †; Ueber das Alter des Sphinx bei Giseh, X. 649 †
- Borchert, O.: A. Miessler, VII. 339 †
- Borhgreivink, C. E.—
- Expeditions, VI. 461; VII. 205, 325; VIII. 14; X. 567; XI. 306; XII. 195, 421; XIII. 8, 75, 437; XIV. 9, 438; return, 539
- Antarctic rocks collected by, Notes on: T. David, W. F. Smeeth, and J. A. Schofield, IX. 110 †
- Antarctic's voyage to the Antarctic, V. 583 *
- Antarktische Expedition auf dem Southern Cross, XV. 197 †
- Den antarctiske expedition, XIII. 327 †
- Den sidste antarctiske reise, IX. 466 †
- Die Antarktische Expedition des Southern Cross, XVII. 680 †
- First on the Antarctic continent, XVII. 561 †
- Map of S. Victoria Land, XVI. 567 §
- Southern Cross expedition, XVI. 381 *, 569; XVII. 96 †
- Bordeaux—Bordeaux et l'esprit Colonial: P. Foncin, XVI. 243 †; Climat de, VIII. 411 †; Trade (Foreign Office Rep.), XIV. 453 †, XVI. 243 †; Vingt-cinq années de la Société de géographie commerciale de Bordeaux: J. Manés, XVI. 259 †
- Bordier, D.: La Tunisie en 1900 . . . XIX. 108 †
- Bore, Tidal, Note on: J. V. Booraem, XX. 364 †
- Borelli, G.: Le Dahomé, ressources économiques et avenir commercial, XVI. 368 †
- Borema mts., N.E. Africa, XVIII. 48
- Borg, V.: Fysillis-maantieteellisia tutkimuksia Kalvolan pitäjässä, XIV. 331 †
- Börger, C.: Gezeiten-Erscheinungen im Irischen Kanal, V. 604 †; Ueber die Auflösung des Zweihöhen-Problems nach einer Näherungsmethode von Raper, XVI. 256 †; Ueber die Ausführung einer Gradmessung in hohen Norden, VI. 99 †
- Borgu—
- Dans le Borgou; Le Royaume de Bouay: A. Deville, VIII. 532 †
- England and France on the Niger; The Race for Borgu: F. D. Lugard, VI. 296 †
- Expedition to Borgu on the Niger: F. D. Lugard, VI. 205 *; in W. of Borgu: M. Deville, VIII. 517
- Mission du Capt. Vermeersch au Borgou: N. Noll, XII. 99 †
- Notes on a journey through Borgu and

BORGU**Borgu**—*continued*.

the Sokoto Empire : W. Wallace, VIII. 211 *

Unwritten chapter of history, XIII. 680 †

Boria, W. Africa; altitude, etc., X. 394

Boring experiments at Funafuti, X. 217

— for fresh water through granite rocks : Sir C. R. Markham, X. 465 *

Borisoff, Lieut. : Expedition to Novaya Zemlya, XVI. 689; XVIII. 626

Bor Khamti country, Diary of journey to, and sources of Irawadi : J. E. Gray, III. 346 †

Borneo—

Balik Papan, Bay of, H. Richards' account of, XVI. 474

Berouw naar Samarinda, Ein landreis van : A. H. Spaan, XVIII. 107 †

Borneos Westerafdeeling : J. W. Young, VIII. 91 †

Boven-Mahakam-gebied, Bij de kaart van het, XX. 243 †

Die Niederländische Expedition nach Zentral-Borneo : G. A. F. Molengraaf, VII. 110 †

Doessonlanden, De afdeeling : H. Engelhard, XVII. 551 †

Durchquerung Borneos : A. W. Nieuwenhuis, XI. 568 † (*see below*)

21 Jahre in Indien; Erster Theil, Borneo; Zweiter Theil, Java : H. Breitenstein, XVI. 697 †

Exploration—Cambridge Expedition to Borneo and Torres Strait, XI. 437; Expeditions in 1893 and 1894, VI. 572; In the Heart of Borneo : C. Hose, XVI. 39*, 578 †; Journey in : M. Chaper, III. 530 †, V. 168; Journey up Baram river : C. Hose, I. 193*; Rejang river, Report of a journey up : H. M. Hiller, XI. 179, 195 †; Sambas Sultanat exploration : Major Huysmans, XVIII. 107 †; Voyage to : F. Agassis, I. 564 †; Nieuwenhuis, A. W.; journey across, IX. 89, 220; XI. 297; XIII. 532; XVIII. 87; Récente expédition scientifique dans l'île de Borneo, XIII. 678 †; Tweede reis van Pontianak naar Samarinde, XVI. 366 †; XVII. 89 †

Flora of Mt. Kinibalu : O. Stapf, VI. 485 †

Folk-lore in : W. H. Furness, XV. 80 †

Foreste di Borneo : O. Beccari, XIX. 525 †; XX. 442 §

Fresh-water fishes of, L. Vaillant on, III. 239

Geology, XV. 61; Geologie van het Stroomgebied der Kapoeasrivier : N. W. Easton, XIV. 679 †; Geologische Verkenningstochten in Centraal-Borneo : G. A. F. Molengraaf, XVIII. 230 †, 295 §; Geology and mineral resources : T. Posewitz, I. 83 †

Glimpses of : W. H. Furness, XI. 195 †

BORNHOLM**Borneo**—*continued*.

Hallier's Botanische Reisen in West

Borneo : H. Zondervan, V. 180 †

Handelsverhältnisse auf Borneo und in Niederländisch-Indien : H. Breitenstein, XVI. 697 †

Head-hunters, black, white, and brown : A. C. Haddon, XIX. 654 †; XX. 444 §

In Centraal Borneo : A. W. Nieuwenhuis, XVIII. 230 †, 297 §

Landschappen aan de Boven-Pinoh : J. P. Barth, XII. 96 †

Life among the Dyaks : F. W. Leggatt, XVIII. 638 †

Manners and customs of people of S. Borneo : H. M. Hiller, XX. 243 †, 466 †

Maps—Mahakam-Flusses in Borneo : A. W. Nieuwenhuis, XI. 326 †; Stromkarte von Borneo : G. A. Molengraaf, VI. 492 †

Mededeelingen omtrent een reis door Borneo : P. C. Van der Willigen, XII. 629 †

— over eene Commissiereis naar Centraal Borneo : A. W. Nieuwenhuis, XVIII. 230 †

— over het vervolg der commissiereis naar Centraal-Borneo : A. Nieuwenhuis, XIX. 397 †

Muruts and Murut-land, F. Perry, XI. 452 †

Natives of : C. Hose, III. 159 †

—, immigrants, and European enterprises : A. F. Sharp, XIX. 231 †

Overzicht der Afdeeling Soekadana : J. P. Barth, X. 550 †

Schetsen uit Borneo's Westerafdeeling : E. Kühr, VII. 441 †; IX. 339 †

Südostabteilung von Borneo : G. Schneiders, III. 345 †, 515; (map), III. 355 †

Trade (Foreign Office Rep.), XV. 80 †

Borneo, British N.—

Admiralty surveys, II. 24; new island off, XI. 298

All about N. Borneo : A. T. Wardrop, XII. 629 †

British Borneo : E. P. Gueritz, XI. 451 †

British N. Borneo : Sir J. Jardine, XIV. 115 †

— : L. T. West, XI. 91 †

Natives of Sarawak and Br. N. Borneo : H. Ling Roth, VIII. 649 †

Trade (Foreign Office Rep.), XV. 295 †

Bornhardt, W. : Account of sulphur springs of Amboni, XII. 189; Geographische

... Mitteilungen über das deutsche Nyassa Gebiet, XV. 421 §, 551 †

Bornhaupt, C. von : Die Deutschen Bestrebungen an der Somali-Küste, VII. 113 †

Bornholm : G. Buschan, XIV. 576 †; Bilder von : J. Gebeschus, XIV. 675; Régime magnétique de l'île de : A. Paulsen, VIII. 527 †

BORNSTEIN

- Börnstein, R.: Gibt es eine Beziehung zwischen Luftdruckvertheilung und Monddeklination? XVII. 97 †
 ——— und E. Less: Die Temperaturverhältnisse von Berlin, XII. 624 †
 Borodovsky, S. C.: Map of Manchuria, X. 126 †; XIX. 115 †
 Boro Khoro mts., C. Asia, VII. 657
 Borosás, Algunos datos sobre los: J. Koslowsky, VII. 445 †
 Borotse: *see* Barotse
 Borradaile, A. A.: Note of journey in northern Mongolia in 1893, V. 562 *
 Borrow, G., and his works, XIII. 687 †
 Börsch, A., und L. Krüger: Geodätische Linien, Parallelbogen . . . Feaghmain und Warschau, IX. 103 †
 Bort, L. T. de: Résultats des ascensions des trois ballons-sondes lancés à Trappes, XII. 441 †
 Bory de Saint-Vincent, Deux lettres de: F. Donnet, XIX. 662 †
 Borzino, C.: La Linea di disludio, IV. 382 †
 Bos, Lieut.: Exploration in N. Ubangi basin, XIX. 89; Rapport sur l'exploration de la Haute-Kotto, XX. 557 †
 Bosdari, A.: I Vini Spagnuoli, XVIII. 228 †
Bosnia—
 Bosnia of to-day, The: H. von Schubert, II. 471 †
 Census, VI. 382; E. Gallina's remarks on, IX. 87
 Excursion in Bosnia, Hercegovina, and Dalmatia: W. M. Davis, XVII. 542 †
 Jajce, die alte Königsstadt Bosniens: M. Bräss, XIV. 329 †
 Morphologische und glaciale Studien aus Bosnien: J. Cvijić, XVIII. 320 †
 Par les routes nouvelles à l'ouest de la Bosnie: E. Hontoir, XIII. 451 †
 Progrès de la Bosnie: Koetschet, IX. 457 †
 Snow-line, XIII. 655
 Station météorologique de la Bielasnica en Bosnie: E. Hontoir, XII. 624 †
 Trade, 1897 (Foreign Office Rep.), XII. 624 †
 Vergletscherung der Vratnica planina in Bosnien: F. Katzer, XIX. 391 †
 ——— und Herzegovina—
 A travers la Bosnie et l'Herzégovine: H. Moser, VI. 392 †
 Austria-Hungary's colonial experiment: L. Villari, XX. 665 †
 Beiträge zur Kenntniss der Flora von Südbosnien und der Hercegovina: S. Murbeck, VI. 192 †
 Bosnie et l'Herzégovine: J. Kosćak, XIX. 391 †
 Bosnien und die Herzegovina unter der Verwaltung der österreichisch-ungarischen Monarchie: B. Nikaschinovitsch, XVIII. 545 †
 Bosnische und herzegowinische Haus: F. Tetzner, XVIII. 224 †

BOTANY**Bosnia—continued.**

- Eaux souterraines . . . de la Bosnie-Herzégovine: F. Kraus, VIII. 410 †
 Eiszeitspuren aus Bosnien und der Herzegovina: A. Grund, XIX. 765 †
 Farming industries, XV. 641
 Landwirthschaft in Bosnien und der Hercegovina: F. Heiderich, XVII. 83 †
 Limestone region, IV. 60
 Meteorologischen Beobachtungen in, VII. 438 †
 Morphologische und glaciale Studien aus Bosnien und Hercegovina: J. Cvijić, XVI. 483 †
 Population, IX. 87
 Rambles, etc., in: R. Munro, VII. 212 †
 Reisebilder aus Bosnien und der Hercegovina: M. Bräss, XVI. 483 †
 Vergangenheit und Gegenwart: M. Hoernes, VIII. 526 †; IX. 103 †
 Wasserbauten in: P. Balliff, VII. 438 †
Bosphorus—
 Bosphorus and Hellespont: A. Philippson, XI. 308 †; Work of the International commission, XI. 107 †
 Bosra and the Roman road, V. 6
 Bosse, F.: Population map for Scotland, VIII. 520
 Bosshard, A.: Das zurcherische Oberland, VIII. 414 †
 ———, E.: Elmsfeuer und Blitzgefahr im Gebirge, XIII. 97 †
 Boston, Mass., U.S.A.—
 Geology of the Boston basin: W. O. Crosby, V. 284 †; XVII. 557 †; South-western part of do.: J. L. Tilton, VII. 334 †
 Trade (Foreign Office Rep.), XVI. 583 †
 ——— mts., Ark. U.S.A., Physiography of: O. H. Hershey, XX. 247 †; A. H. Purdue, XIX. 774 †; XX. 456 §
 Bosworth, G. F.: Philips' County Readers, Essex past and present, XIII. 212 †; Kent, past and present, XVI. 695 †
Botany (*see also* Biogeography; Distribution; Plants)—
 Biologie, Essai de, sur la végétation tropicale: J. Constantin, XII. 103 †
 Botanical aims of S. polar Research, F. W. Neger on, XIV. 448
 ——— exploration in Sikkim; G. A. Gammie, III. 331 †
 ——— Garden for Uganda, XII. 415
 ——— Geography, G. Bonnier's lectures at Paris, IV. 367
 ——— Geography and biological utilization of the soil: M. Hardy, XX. 250 †, 459 §
 ——— Geography of Middle Albania and Epirus; A. Baldacci on, X. 323
 ——— Mapping, C. Flahault on, V. 275
 ——— Survey of India, Report of Director, XI. 90 †; XV. 80 †

† Bibliographical entry.

§ Review or analysis.

BOTANY

Botany—continued.

- Botanische Forschungen des Alexanderzuges: H. Bretzl, XX. 250 +
- Botany of Formosa, VIII. 529 +; of Franz Josef Land: A. G. Nathorst, IX. 96; of N. Kachin Hills, XIII. 657
- , Department of, Guide to British Mycetozoa, VII. 448 +
- Einfluss der Pflanzendecken auf die Wasserführung der Flüsse: E. Wollny, XVII. 311 §, 327 +
- Géographie botanique et son évolution au XIX^e siècle: M. A. Marsclef, XVI. 493 +
- , expérimentale: G. Bonnier, XX. 234 §, 472 +
- , Leçon d'ouverture . . . Sorbonne: G. Bonnier, III. 536 +; IV. 367 §
- Note upon methods of botanical geography: M. Hardy, XX. 564 +
- Phyto-géographique, Premier essai de Nomenclature: G. Flahault, XX. 130 +
- Vegetation der Erde: A. Engler und O. Drude, XX. 564 +
- Zur Charakteristik einiger Vegetationsformationen, XIII. 569 +
- Botany Bay—Capt. Cook in N. S. Wales, or Mystery of naming Botany Bay: J. Bonwick, XVIII. 337 +, 446 §
- Botella y de Hornos, F. de; biography, XV. 90 +; El Excmo Sr. D. Federico de Botella y de Hornos: D. G. Puig y Larraz, XVII. 217 +
- Bothnia, Gulf of (*see also* Baltic Sea)—Bottenvitens finska deltan: J. E. Rosberg, VIII. 413 +
- Några dynbildningar på Botniska vikens ostkust: J. E. Rosberg, VIII. 413 +
- Sand-dunes and deltas of Gulf of Bothnia: J. E. Rosberg on, VIII. 54
- Senkvartara Landhöjningen kring Bottniska Viken: G. de Geer, XIV. 676 +
- Botletli river, S. Africa, X. 213; XIV. 311
- Bologan-kul, Tibet, IX. 555
- Böttcher: Mass für die Dichte der Eisenbahn-Netze, XVII. 97 +
- Böttogo, V., VII. 274; biographies, XI. 574 +; XV. 90 +
- Exploration in Somaliland, II. 461; III. 434; VII. 99, 553; VIII. 516; X. 326; (geographical results of expedition), X. 439; reported death of, IX. 665
- Il Giuba Esplorato, VI. 487 +; VII. 274 §
- Results of second expedition: P. L. Selater, XV. 439 +
- Risultati zoologici della prima spedizione, XI. 314 +
- Seconda spedizione, nella Somalia Australe, VIII. 531 +
- Seconda spedizione dal V. Böttogo:

BOUNDARIES

Böttogo—continued.

- L. Vannutelli e C. Citeri, XIII. 322 +; XIV. 117 +
- Seconda spedizione Böttogo; L'Omo: L. Vannutelli and C. Citeri, XV. 50 §, 83 +
- Spedizione: Comunicazioni della Presidenza, XIII. 323 +
- ; Studio Geologico: G. d'Ossat and F. Millosevich, XVIII. 551 +
- Bottle-voyage, A remarkable: A. J. Boyd, V. 184 +; in N. Atlantic, VII. 102
- Botto, A.: Progressi fatti negli ultime tempi dalla cartografia nei vari Stati di Europa, I. 89 +; V. 279 +; Storia della Cartografia italiana, X. 452 +
- Boudène au Mas Cabanis, Les cavernes de la: F. Mazaurie, VII. 438 +
- Bouchard, Mme. P.: Voyage en Tunisie et en Algérie, IX. 341 +
- Bouckenoghe, V.: La culture du caféier dans le Haut-Congo, XI. 453 +
- Bougainville I., XVIII. 446; C. Kibbe's journey to, IV. 568
- Bougarone, Cap, Excursion dans la région forestière du: E. Douté, X. 456 +
- Bougie die Perle Nord-Afrikas: Archduke Ludwig Salvator, XV. 437 +
- Bouilhac, R.: Sur la mise en culture des terres de bruyères de la Dordogne, VII. 107 +
- Boiünais, A.: Guadeloupe et Dépendances, XX. 680 +
- and A. Paulus: L'Indo-Chine française contemporaine, II. 379 +
- Boulder-clays of the great plains, are they marine? G. M. Dawson, X. 121 +
- Boule, M.: La topographie glaciaire en Auvergne, VIII. 188 +, (map) 426 +; Le Puy-de-Dôme et Vichy, XVIII. 321 +
- Boulenger, G. A.: On occurrence of Schlegel's Gaviol in Malay Pen., XII. 97 +; remarks on "Tanganyika and countries north of it," XVII. 36; Report on collection of fishes made by Mr. Moon . . . in 1899–1900, XIX. 234 +
- Boulger, D. C.: Cabul and Herat, XV. 435 +; Congo State, or Growth of Civilisation in C. Africa, XIII. 560 +; Congo State and its critics, XIII. 561 +; India in the nineteenth century, XVIII. 636 +; Life of Sir Stamford Raffles, XI. 323 +; Twelve years' work on the Congo, XII. 631 +
- Boulton, J. W.: Artesian water in N. S. Wales, XIV. 686 +
- Boundaries (for boundary-questions, etc., *see under* specific countries): Confini naturali nella coscienza popolare e nella scienza: F. Viezzoli, XVIII. 240 +; Rivers as, XV. 541; Science of frontier delimitation: J. K. Trotter, X. 346 +, 445 §; Use of Practical Geography illustrated by recent frontier operations: Sir T. Holdich, XIII. 465 *

BOUQUET

- Bouquet de la Grye, A.: Les Ballons-sondes, XIII. 688 †; L'Heure nationale, XII. 92 †
- Bourbel, Marquis de: Routes in Jammu and Kashmir, XI. 567 †; XII. 521 §
- Bourbonnais; Monuments mégalithiques, XI. 564 †
- Bourdariat, C. J.: Carte de la Côte d'Ivoire, XIX. 413 †
- Bourdarie, P.: L'avenir de Brazzaville, XII. 210 †; Les chemins de fer congolais, XIII. 560 †; Colonisation du Congo française, XIV. 118 †; Du Congo à la Méditerranée, XII. 211 †; Congo français et la colonisation, XVII. 553 †; on domestication of the African elephant, XII. 525
- Bourdin, L.: L'Ardèche, XII. 91 †; Le Vivarais, XIII. 318 †
- Bourdon, G.: Le Cañon du Rhône et le lac de Genève, IV. 280 †; VI. 579 †
- Bourdonnais, M. de la: M. Leblond, XVI. 132 †
- Bourelly: Perles de la Côte d'Azur, XVII. 85 †
- Bourgade la Dardye, E.: Paraguay; Land and people, etc., I. 87 †
- Bourge, G.: L'île de Samos, XI. 566 †; Novorossisk, V. 280 †; Odessa, XII. 93 †
- Bourgeois, R.: Mesure d'un arc de méridien en Equateur, XX. 343 §, 360 †
- Bourget, Lac du, glaciation of, I. 494; Sur l'âge du lac du Bourget: A. Delebecque, V. 178 †
- Bourguet: Le Liron, Essai de monographie d'un chaînon des Basses Cévennes, III. 250 †
- Bourgoin, G.: Organization de l'enseignement post-scolaire de la Géographie économique, XVII. 682 †
- Bourg-sur-Gironde, Excursion à: L. Imbert, XVII. 543 †
- Bouriates, De l'amour chez les: Chimkiévitch, XII. 207 †
- Bourilly, V. L.: L'ambassade de la Forest et de Marillac à Constantinople, XVIII. 546 †
- Bourinot, Sir J. G.: Builders of Nova Scotia, historical review, XVII. 451 †; Canada, IX. 578 †; Do. during the Victorian era, XIV. 119 †; under British rule, XVII. 555 †; Canadian Dominion and proposed Australian Commonwealth, IX. 347 †; Cape Breton and its memorials, I. 85 †
- Boulrier, J.: Les Tchèques et la Bohême contemporaine, X. 338 †
- Bourne, F. S.: Formation of a new rapid on the Yangtse, IX. 558; X. 191*; Lo-tou mts., VI. 501 †; Report on trade of C. and S. China, XII. 430 †
- , H. R. F.: Congo Free State, XVIII. 550 †; France and England in W. Africa, XII. 211 †; Sierra Leone troubles, XII. 433 †; Uganda protectorate and its relation to the Suda XIV. 119 †

BOWER

- Bourne, S.: Progress of external trade of the U.K., II. 185 †
- Bournemouth: Plan of, with environs: J. Bartholomew, II. 284 †
- Bou-Saada, L'Oasis de: A. Vigerie, XX. 124 †
- Boussa, Les Français à, IX. 682 †
- Boussand: see Mocurs
- Boussinesq, J.: Lois de l'extinction d'une houle simple en haute mer, VII. 118 †; Problème du refroidissement de la croûte terrestre, XVI. 373 †; Sur l'extinction graduelle de la houle de mer, etc., VI. 395 †
- Boutan, L.: L'instantané dans la photographie sousmarine, XIII. 98 †
- Bouthillier de Beaumont, H.: death, XI. 443; Notice nécrologique: A. de Claparède, XII. 546 †
- Boutrone, A.: L'Algérie et la Tunisie à travers les âges, II. 90 †; La langue française dans le Levant, VIII. 651 †; La Palestine et la Syrie à vol d'oiseau, IV. 188 †; Rapport sur une mission archéologique en Portugal et dans le sud de l'Espagne, II. 561 †; Scandinavie, Notes de voyage, VIII. 308 †; Une heure en Sicile. Coup d'œil sur le Portugal, V. 505 †; Transcaspie, XIII. 321 †
- Boutwell, J. M.: Bibliography of geographical works published in the U.S., XIV. 466 †
- Bouvet, L.: expedition to Antarctic, II. 253
- Bouvet I., S. Atlantic Ocean, XIII. 298, 641; depths around, XV. 520, 522; Wiederauffindung der Bouvet Insel: W. Sacke, XIV. 458 †
- Bouvier, E. L.: Note préliminaire... sur la distribution des Péripates, XII. 218 †
- Bouysson, J.: Mission agricole et scientifique de, XI. 454 †; Renseignements sur la région côtière au nord de Libreville, XIV. 118 †
- Bovill, Mrs., and G. R. Askwith: "Roddy Owen," XI. 208 †
- Böving-Petersen, J. O.: En Bestigning af Brasiliens højeste Bjaerg, VII. 115 †; Et Besøg i Central-brasiliens Knoglehuler, VII. 565 †
- Bow lake, Upper, Canada, XIII. 358
- river, Canada, VII. 50, 56; XIII. 341; At the Headwaters of the: C. S. Thompson, XII. 212 †
- Bowdoin glacier, Greenland, XI. 215
- Bowen, Hon. C. C.: on need of Antarctic exploration, XII. 194; remarks at Antarctic conference, X. 384
- , Sir G.: Biography, XV. 90 †; obituary, XIII. 438
- Bower, Capt. H.: Journey across Tibet, I. 385*; (Diary of), I. 566 †; IV. 86 †; Medal awarded to, III. 420; IV. 78; remarks on "Journey in Mongolia and Tibet," III. 386; trip to Turkestan, V. 240 †

BOWER

- Bower, T. B.: Large-scale Map of S. Transvaal and N. Orange River Colony, XVI. 709 †
- Bowers, I.: Barrage of the Nile, XVI. 488 †
- Bowker, A.: Alfred the Great, containing Chapters on his Life and Times, XVII. 216 †
- Boulder-Pavement at Wilson, N.Y.: G. K. Gilbert, XIII. 681 †
- Bowles, G. S.: Rational horizon of Fal-mouth, XVIII. 460 †
- , T. G.: The Sea the only road for trade, XV. 445 †
- Bownlee, J. H.: Map of Province of Br. Columbia, II. 191 †
- Boxall, G. E.: Plains of Australia, VIII. 193 †
- Boyana river, Montenegro, III. 510
- Boyd, A. J.: Narrative of G. Pennefather's explorations, IX. 243 †; Remarkable bottle voyage, V. 184 †; Reminiscences of Chincha Is., III. 162 †
- , C. E.: Grayson County Va., XI. 202 †
- , W. C.: Journey from W. Australia to Warina, IX. 61 *
- Boyesen, H. H.: History of Norway from the earliest times, XVII. 318 †
- Boyle, D.: Archæological report, Appendix report of the Minister of education, Ontario, VIII. 418 †
- Bozai Gumbaz, C. Asia, VIII. 97, 99
- Brabant, A.: Colonization of Indo-China, IV. 576 †
- , F. G.: Sussex, XVII. 319 †
- Brabner, J. H. F.: Comprehensive Gazetteer of England and Wales, III. 249 †; IV. 184 †; 576 †; V. 504 †; VI. 392 †; VII. 110 †; 417 §
- Brabourne Papers, X. 231 †
- Brabrook, E. W.: Ethnographical survey of the U.K., IX. 679 †
- Brackebusch, L.: biography, IV. 471 †; Höhenschichtenkarte des Nordwestlichen Teiles der Argentinischen Republik, II. 285 †; Kordillerenpässe zwischen der Argentinischen Republik und Chile, I. 281 †; Penitentesfelder der Argentinischen Kordilleren, I. 168 §, 184 †; Ueber die Bodenverhältnisse des nordwestlichen Teiles der Argentinischen Republik, II. 267 §, 280 †
- Brackenbury, Sir H.: remarks on "Southern borderland of Afghanistan," IX. 421
- Bracq, J. C.: Colonial expansion of France, XVI. 376 †
- Braddon, Sir E.: Thirty years of shikar, VI. 581 †
- Bradford, G.: Table of depths for channels and harbours, XI. 201 †
- Bradford, Leeds, and York district; Cyclist's road-map: J. G. Bartholomew, XIX. 785 †; Glacial Geology of Bradford: J. Monckman, XIX. 105 †

BRANDSTETTER

- Bradley, A. G.: Highways and byways in the Lake district, XIX. 104 †
- , C. B.: Exploration of the East Creek Amphitheatre, XIV. 120 †
- Bradshaw, J.: Norway, its fjords and fosses, VIII. 189 †
- Brady glacier, Alaska, XIV. 533, 673
- Bradyseismic movements of Earth's crust, VII. 230; action in oceans, X. 130
- Braecke; on development of gold-mining, II. 228
- Braess, M.: Die Schwaben im Banat, XII. 624 †; Im Siebenbürgisch-Ungarischen Grenzgebirge, IX. 336 †; see Bräss
- Bragança e Bemquerença: A. dos S. P. Lopo, XVII. 207 †
- Bragmans bluff, Nicaragua, XI. 660
- Brahe, Tycho, Zur Erinnerung an: F. Burekhardt, XX. 473 †
- Brahmaputra river—
- Falls of Tsang-po and identity of that river with the Brahmaputra: L. A. Waddell, V. 258 *
- Identity of Tsang-po of Tibet: S. C. Das, XII. 430 †; G. Sandberg on, IX. 321
- Tsangpo - Brahmaputrafluss: G. T. Reichelt, X. 228 †
- valley, Tribes of: L. A. Waddell, XIX. 396 †
- Wild tribes of the Brahmaputra valley, Physical types: L. A. Waddell, XVI. 247 †
- Brambian subterranean river, XIV. 405: E. A. Martel, II. 472 †
- Bramley, W. J.: see Jennings-Bramley
- Branco, W., and E. Fraas: Beweis für die Richtigkeit unserer Erklärung des vulkanischen Ries bei Nördlingen, XVIII. 321 †; Das vulcanische Ries bei Nördlingen in seiner Bedeutung für Fragen der allgemeinen Geologie, XX. 350 †
- Branco, Rio, S. America, XVII. 367; Nach dem Rio Branco: G. Hübner, XI. 686 †
- Brandenburg—Ein schwedischer Kartograph der: P. Dinse, IX. 336 †; Regenkarte . . . Brandenburg und Pommern: G. Hellmann, XIX. 393 †, 501 §
- Coast, New Guinea, IV. 365
- Brander-Dunbar: see Parkinson, F.
- Brandes, J.: Een Plattegrond van Batavia van 1632, XVIII. 107 †; Van Oud Batavia, losse mededeelingen, XVII. VIII. 209 †; XVIII. 230 †
- , J. A., and C. Steffens: Zur Kennzeichnung der Kanadischen Ebenen, VIII. 418 †
- Brandis, Sir D.: Indian Forestry, IX. 680 †; XVIII. 230 †; remarks on "Journey to S.W. Provinces of Siam," VI. 542
- Brandstetter, R.: Malaio - Polynesische Forschung, VII. 222 †; Tagalen und Madagassen, XX. 356 †

BRANDT

Brandt, E., y G. Pommerenke: La provincia de Santa Fé, XVIII. 643 †
 —, M. von: Dreißig Jahre in Ost-Asien, XVII. 208 †; XIX. 231 †; Industrielle und Eisenbahn-Unternehmungen in China, XV. 436 †

Brauner, J. C.: Ants as geologic agents in the Tropics, XVI. 126 †; Former extension of the Appalachians, etc., XI. 97 †; Manganese deposits of Bahia and Minas, XVIII. 235 †; Oil-bearing shales of the coast of Brazil, XVIII. 275 †; Origin of beach cusps, XVI. 704 †; Origin of travertine falls and reefs, XIX. 111 †; Palm trees of Brazil, XIX. 659 †; Results of . . . expedition to Brazil, XVIII. 235 †; Supposed glaciation of Brazil, III. 534 †

— and C. E. Gilman: Stone reef at mouth of Rio Grande do Norte, Brazil, XVIII. 335 †

Brandunum, Roman town of, X. 514

Brand, Pater: Das Südufer des Victoria-Nyanza (map), IX. 691; Der Victoria Nyanza, X. 96, 229 †; Die Sesse-Inseln, VI. 487 †; Originalkarte einer Forschungsreise auf der Sesse Insel, VI. 298 †

Brass, E.: Reise durch Korea, I. 469 †

Bräss, M.: Ein neues Verfahren um Landkarten . . . zu präparieren, XVII. 98 †; Im Siebenbürgisch . . . Grenzgebirge, IX. 336 †; Reisebilder aus Bosnien und der Hercegovina, XVI. 483 †; Schwaben im Banat, XII. 624 †

Brasseur, C.: death, XI. 305; explorations in Congo basin, IX. 560; X. 637; L'Urna et le Katanga, XI. 313 †; L'Urna, pays des Balubas, X. 340 †

Brassey, Lord: Australian Federation, XIII. 683 †; Voyages and travels of, VI. 589 †

—, Hon. T. A.: Studies in Australia in 1896, IX. 465 †

Bratianu, Gen. C. I.: Trebuinta de a se face cadastral Românier, XIV. 455 †

Brauchitsch: Exploration of Sanaga river, Kamerun, VIII. 71

Brauer, A.: Die Seychellen auf Grund eigener Anschauung, VIII. 416 †; The Seychelles, VIII. 372 *

Braun, F.: Ein Ausflug zum Alem-Dagh, XX. 241 †; Heide und Scrub in pontischen Gebiete, XVII. 672 †

Bray, F. de: Entreprises en Chine, XIV. 456 †; La Chine et . . . l'utilisation des Belges, XIII. 320 †

Brazeau river, Rocky mts., V. 56

Brazil—

Agricultura, l'industria . . . nello

stato di Santa Caterina, XVII. 679 †

Amazonie brésilienne: Baron Santa Anna Néry, XVIII. 335 †

America abreviada, suas noticias . . . do Maranhão: J. de Ferreira, VIII. 192 †

BRAZIL

Brazil—continued.

Bahnen Neu-Hamburg—Caxias und Neu-Hamburg—Torres, XIV. 584 †

Bidrag till Kännedom om Brasiliens urbefolkning: G. W. Freyreiss, XVII. 213 †

Bogen und Pfeil in Central-Brasilien: H. Meyer, VI. 393 †

Books, etc., relating to: P. L. Phillips, XIX. 109 †

Brazil in 1898: J. M. Boraston, XIV. 584 †

Capital, the future, VI. 186

Ceará et Amazonie: D. Guilmot, XVI. 127 †

Commission centrale de bibliographie brésilienne, etc., VIII. 420 †

Contribuzioni allo studio della Emigrazione Italiana al Brasile: V. Grossi, IV. 579 †

Estrangeiros illustres . . . do Brazil: Visconde de Taunay, IX. 464 †

Et Besög Centralbrasiliens Knoglehuler, etc., VII. 565 †

Geographical Commission in San Paulo: H. Lange, I. 184 †

Homenaje al Presidente Dr. Campos Salles, El Brasil y la Argentina, XIX. 190 †

Jubileu de Petropolis: H. Raffard, IX. 464 †

Kreuz und quer durch Brasilien: C. R. Mann, XVII. 324 †

Künftige Districto Federal Brasiliens: W. Sievers, IX. 108 †

Linea geodésica Madera-Yavary: E. Idiaquez, XIX. 659 †

Naturforscherfahrt nach dem Litoral, etc.: E. A. Goeldi, X. 341 †

Nouvelle Pologne, état de Parana: J. de Siemiradzki, XIV. 462 †

O novo estado do Sul, IX. 108 †

O Oyapoek divisa do Brazil, etc.: B. H. de Mello, IX. 464 †

Opis Stanu Parana w Brazylji: J. Siemiradzki, VIII. 313 †

Pedro II., Memoria de, VII. 684 †

Photographs of Amazon, etc.: Sir J. B. Stone, III. 444; of Rio Negro and Upper Amazons: T. M. Teed, III. 168

Principio . . . dos indios do Brazil, VIII. 192 †

Republikanische Brasilien in Vergangenheit und Gegenwart: O. Canstatt, XIII. 682 †

Revista comemorativa do quarto centenário do Brazil, XVI. 490 †

Commerce and economics—

Coffee production, XV. 440 †; Commerce and resources: Hon. T. L.

Thompson, XIII. 95 †; Considérations économiques sur le Brésil: L.

F. Viaba, XIV. 121 †; Cotton spinning and weaving industries, XV. 299 †; Diamantenproduction

BRAZIL

Brazil—continued.

in Brasilien: C. Nusser-Asport, XV. 300 †; Financial and economic situation (Foreign Office Rep.), XVIII. 553 †; Matters of commercial intelligence relating to, XV. 299 †; Trade, finances, etc. (Foreign Office Rep.), XIII. 566 †

Discovery—

Descobrimento do Brasil: A. de Carvalho, III. 74 †; Jean Cousin's voyage; E. le Corbeiller on, XIII. 563; Supposed discovery, by Portuguese in 1447, V. 226; J. Westlake on, V. 390; Vincent Pinzon, La rivière: E. Landes and R. du Caillaud, VIII. 192 †

Ethnography, etc.—

Brasilien, Land and Leute: M. Landberg, XV. 299 †

Catuquinaru Indians, J. Bach's visit: G. E. Church, XII. 63 *

Chez les Indiens: A. Courboin, XVII. 679 †

Erste ethnographische Skizze über die Botokuden: F. Schulze, XIX. 109 †

Estudio de las lenguas del grupo Kaingangue: J. B. Ambrosetti, IX. 108 †

Ethnographie des Rio Tapajós: F. Katzer, XVII. 679 †

Indianerskizzen von H. Florence: K. von den Steinen, XIII. 457 †

Indianerstämme Brasiliens, etc.: A. Vierkandt, X. 651 †

Languages of Bororó Indians: Villeroy, I. 87 †

Tribes of Brazil: P. Ehrenreich, I. 184 †

— of C. Brazil: K. von den Steinen, III. 254 †

Exploration and colonization—

A Bahia e o Territorio do Rio S. Francisco, IX. 108 †

Al Salto Guayrá: P. Antonelli, IX. 108 †

As explorações do St. Apolinario Prot: M. de T. Argollo, XIV. 121 †

Au pays du Caoutchouc: E. Ackermann, XVII. 679 †

Ausflug nach Paraná: C. F. Scheler, XII. 436 †

Austrian expeditions, XVII. 195; Scientific exp. under Steindachner, XX. 657

Branner-Agassiz expedition, Results: J. C. Branner, XVIII. 235 †

Central Brazil; explorations by Brazilian Commission, IX. 64; Commission d'exploration du plateau central du Brésil, Rapport: L. Cruls, VII. 115 †; Expedition nach Central-Brasilien: H. Meyer, IX. 683 †; H. Meyer's journey,

BRAZIL

Brazil—continued.

XIV. 324; Ueber seine zweite Reise in Central-Brasilien: Id., XIV. 341 †; Reiseskizzen aus Zentral-brasilien: M. Schmidt, XX. 560 †

En Bestigning af Brasiliens højeste Bjaerg: J. O. Bøving-Petersen, VII. 115 †

Entre l'Océan et le Rio Guama: Huber et von Kraatz-Koschlau, XVII. 679 †

Expedição de Axuhi, etc.: C. A. Marques, VIII. 192 †

Expedition into interior for fixing on site for new capital, I. 551

Exploration in the Amazons valley, I. 346 *

Forschungsreise nach dem Oberlauf des Rio Capim: E. A. Goeldi, XI. 455 †

From Para to Manaos: R. Koettlitz, XVII. 558 †

Führer für den Auswanderer nach Brasilien: A. Papstein, X. 651 †

German and Italian colonization, VI. 286; Deutsche Kolonisation in Brasilien, XIII. 682 †

Italiani nel Nord dello Stato di Santa Caterina: G. Pio, XIX. 236 †

— nel Sud, do.: G. P. di Savoia, XVI. 372 †

Journeys in Mato Grosso, 1887–88: P. Vogel and L. von Ammon, III. 440 †

Meine Reise in den Brasilianischen Tropen: Thérèse Prinzessen von Bayern, XI. 202 †

Route from Amazons to Cuzco by Purús, VIII. 517

Serra do Itatiaia, Excursao botanica feita na: E. Ule, XII. 436 †

S. Brazil; Lachnit and Soffner's Expedition, XVII. 79

Trabalhos dos primeiros jezuitas im Brazil, VIII. 192 †

Voyage au Brésil: P. F. Desvernine, VII. 445 †

— au Trombetas: O. Coudreau, XVI. 490 †

— au Yamunda: H. Coudreau, XV. 84 †

— entre Tocantins et Xingu: H. Coudreau, XIV. 230 †

— sur le Brésil et la République Argentine: E. de Rancourt, XVII. 558 †

Wettstein, Prof. von; expedition under, XVIII. 625

Fauna, IX. 66: Ants as geologic agents in the Tropics: J. C. Branner, XVI. 126 †; Aves do Brazil: E. Goeldi, XVIII. 644 †

Flora, IX. 66: Materiaes para a flora amazonica: J. Huber, XIV. 462 †; Palm trees: J. C. Branner, XIX. 659 †

BRAZIL

Brazil—continued.

Frontiers—

Argentina — Brazilian Argentine boundary, VII. 565 †; Question of boundary between: M. F. A. Georlette, II. 280 †

Bolivia, XIX. 220; Cuestion de limites con el Brazil: J. L. Muñoz, XIX. 659 †; Informe de la Comisión Boliviana demarcadora de Limites con el Brasil: A. Ballivian, XX. 127 †, 671 †; Limites do Brazil com a Bolivia: A. Freitas, XX. 560 †

Br. Guiana—Arbitration treaty to determine limits between Br. Guiana and Brazil, XX. 359 †

Fr. Guiana, XVII. 78; S. Brousseau on, XIV. 213; Frontières entre le Brésil et la Guyane française, XVIII. 112 †; (2me mémoire), 235 †; O Oyapock divisa do Brazil, etc.: B. H. de Mello, IX. 464 †; Question du Contesté Franco-Brésilien: V. Doby, IX. 342 †; *see* Guiana, French

Maps—

Carta do territorio do Aricary incorporado ao Estado do Para: J. L. Pessanha, XX. 475 †; Carta geographica do Estado do Rio Grande do Sul: J. L. N. de Azevedo, XX. 679 †; Estados Unidos do Brazil: B. de Rio-Branco, VIII. 656 †; Karte von Südbasilien: R. Jannasch, XIX. 115 †; Mappa Geographico do Estado do Amazonas: E. Stradelli, XIX. 246 †; Rio Parapanema-Thal: H. Lange, I. 190 †

Meteorology, IX. 66; Climat du Brésil: L. Cruls, IX. 108 †; Hohenklina von Uberaba, Central-Brasilien: F. M. Draenert, XIX. 109 †; Klima von Juiz de Fora im Staate Minas-Gernes: F. M. Draenert, XIX. 775 †

Physiography, Geology, etc.—

Aperçu géographique de la région du Bas-Amazone: J. Huber, XVII. 679 †

Entstehungsgeschichte der brasilischen Campos: J. Huber, XX. 359 †

Geologia e Mineralogia del Brasile: V. Grossi, X. 341 †

Golddistrikt von Brasilianisch-Guyana: F. Katzer, XII. 635 †

Manganese deposits of Bahia and Minas: J. C. Branner, XVIII. 235 †

N.E. Brazil, Characteristics of, XVII. 356; Oil-bearing shales of the coast of: J. C. Branner, XVIII. 235 †

Plateaux, XVII. 371

Stone reef at mouth of Rio Grande do Norte: J. C. Branner and C. E. Gilman, XVIII. 335 †

BRERETON

Brazil—continued.

Supposed Glaciation: J. C. Branner, III. 534 †

Terras auríferas do Caperao: J. J. G. da Silva Netto, IX. 464 †

Topaz, On mode of occurrence of, near Ouro Preto: W. A. Derby, XVII. 558 †

Trabalhos restantes ineditos da Commissão Geologica do Brazil, XIV. 462 †

Brazzaville, Fr. Congo, XX. 492; development of, E. Lenoir on, XV. 419; L'avenir de: P. Bourdier, XII. 210 †

Breach, E.: Twenty reasons against Newtonianism, etc., XV. 304 †

Breakwaters, experiments in floating, XI. 496

Breccias—On relation of certain breccias to the physical geography of their age: T. G. Bonney, XX. 130 †

Brædebugt, bay, Iceland, XIX. 613

Bregcault, J.: Les chasseurs alpins, XV. 676 †

Brehme: Bericht über das Kulturland des Kilima-Ndjaru, etc., IV. 189 †; on health of Europeans on mt. Kilimanjaro, IV. 459

Brehm, A. E.: From N. Pole to Equator, VII. 686 †

Breit, L.: La grotte de Churugues, vallée de Barèges (Hautes-Pyrenees), XVII. 84 †

Breitenstein, H.: Die Handelsverhältnisse auf Borneo und in Niederländisch-Indien, XVI. 697 †; 21 Jahre in Indien, XVI. 697 †

Bremen, V. 589; Die Herzogtumer Bremen und Verden: E. Oehlmann, X. 547 †; 25 Lebensjahre der geographischen Gesellschaft in: M. Lindeman, VI. 102 †

Bremer, O.: Ethnographie der germanischen Stämme, XVI. 484 †

Bremerhaven, Le port de: E. Bœufvé, XIX. 393 †

Brenner, F.: Photographs of Quetta, etc., X. 660

Brendal, K.: Uruguay, VI. 198 †

Brenier, H.: Du Tonkin, IX. 104; journey in China, X. 439; Notes à propos de la révolte au Kouang-Si, XII. 628 †; on the principal branch of the Si-kiang, XI. 179; Rapport général de la mission lyonnaise d'exploration en Chine, XI. 682 †; XIV. 652 §; Situation commerciale . . . en Chine, XII. 95 †; Voyage de la mission lyonnaise, XI. 450 †; Voyages et résultats, Do., XII. 95 †

Brennecke, W.: Ergebnisse der Höhenmessungen A. Philippson's in der Umgebung von Pergamon, XVIII. 550 †

Brenner, J. F. von: Besuch bei den Kanibalen Sumatras, IV. 376 †; VII. 75 §, 175 §

Brereton, A.: Administration report on the railways in India, XIII. 558 †

BRESLAU

Breslau—

- Breslaus Stellung im Schnellverkehr: M. Krauske, XIX. 227 †; Katalog der Ausstellung des XIII. Deutschen Geographentages zu Breslau, XIX. 242 †; Lage, Natur und Entwicklung, XVIII. 631 †
- Bresson, A.: Sur l'âge des massifs granitiques de Canterets et du Néouvielle (Hautes-Pyrénées), XVII. 544 †
- Brester, A.: Théorie du Soleil, II. 476 †
- Bret: Dans la Corée septentrionale, XV. 80 †
- Bret Country; H. M. Jackson's Survey of, II. 153
- Bretherton, Major: Exploration of route from the Indus to Kashmir valley, XIX. 631; Life in Gilgit, XIII. 90 †
- Breton, Cape; probable landfall of J. Cabot, IX. 615
- Brettonnes, Les Iles: Ardouin-Dumazet, IX. 231 †
- Brettonnet: Massacre de la mission, XV. 551 †; Moyen-Niger français, XII. 211 †
- Bretschneider, E.: History of European botanical discoveries in China, XIII. 213 †; XIV. 654 †; Itinéraires en Mongolie, II. 185 †; map of China, etc., VII. 687 †; XIII. 102 †; XV. 305 †; obituary, XVIII. 95; on Potanin's journey in W. China, XV. 277; Potanin's letzte Reise in W. China, XVI. 122 †; Russian Territory in Liao-tung Penins., XVI. 486 †; Russische Pachtgebiet in der südlichen Mandschurei, XVII. 548 †; Russland und Korea, XVIII. 637 †; see Ilinski
- Bretzl, H.: Botanische Forschungen des Alexanderzuges, XX. 250 †
- Bruckelman, J. B.: Beslissing in het Britsch-Venezuelaansch (Grensgeschild, XVI. 127 †; Beslissing in het Fransch-Braziliaansch geschil, XVIII. 113 †
- Breusing, A.: W. Wolkenhauer, I. 91 †
- Breve, Monte, Contributo allo studio delle Brezze di: O. Marinelli, X. 342 †
- Brewer, W. A.: Into the Heart of Cataract Cañon, XX. 468 †; Prospecting in Br. Columbia, XIV. 228 †
- Brewer mt., E. basin of: D. S. Jordan, XV. 553 †
- Brialmont, Gen.: Notice sur E. Banning, XVIII. 648 †
- Briant, R.: Art of topography, IV. 476 †
- Bricchetti-Robecchi, L.: Il commercio di Tripoli, VIII. 532 †; Prima traversata della Penisola dei Somali, III. 439 †
- Brice, A. M.: Great Siberian railroad, XIX. 231 †; Jackson-Harmsworth Polar expedition, VIII. 543 †; IX. 344 †; XI. 205 †; letter on Andrée's route, XIV. 575; letter on Copeland's revised map of Franz Josef Land, X. 336
- Brick, C.: Die Provinz Westpreussen und ihre Naturdenkmäler, XVI. 485 †
- Bride, T. F.: Letters from Victorian pioneers, XV. 86 †

BRINTON

- Bridge, C.; remarks on "Exploration in Caroline Is.," XIII. 131
- Bridger Beds, mammalian remains in, IX. 75
- Bridgewater Canal, III. 485
- Bridgman, H. L.: Expeditions in aid of Peary, XIV. 325, 571; XVIII. 539; On Peary's work, XVI. 492 †
- Brief, plateau of, II. 54
- Brigham, A. P.: Notes on recent progress of irrigation in U.S.A., XVIII. 234 †; The Eastern gateway of the U.S., XIII. 513 †; XIV. 340 †; on composite origin of topographic forms, VI. 575 §; VII. 220 †; Finger lakes of New York, II. 280 †; Lakes; a study for Teachers, X. 124 †; Physical geography in secondary schools, XIV. 467 †
- , W. T. H.: Hawaiian feather work, XV. 86 †; Index to islands of Pacific Ocean, XVIII. 337 †; Occasional papers of the Bernice Pauahi Bishop Museum of Polynesian ethnology, XVIII. 337 †
- Bright, C.: All-British or Anglo-American Pacific cable, XII. 642 †
- , G.: Photographs of Egypt, etc., XX. 371; Natives and scenery between Abyssinia and the Nile, XVIII. 248 †; remarks on "Journey from Omdurman to Mombasa," XIX. 688; on "Expedition between Lake Rudolf and the Nile," XVI. 624
- Brighton, Plan: J. Bartholomew, IV. 285 †
- Brihat-Samhita; Topographical list of: J. F. Fleet, II. 277 †
- Brincker, P. H.: Bemerkungen zu Bernsmanns Karte des Ovambolandes, VIII. 531 †; Beschreibung der Eumbo . . . in Nord-Ovamboland, IX. 340 †; Charakter . . . der Bantu Deutsch-Südwestafrikas, XXII. 323 †; Die Eingeborenen Deutsch-Südwest-Afrikas nach Geschichte, Charakter, etc., XVI. 488 †; zur Namenskunde von Deutsch-Südwestafrika, VII. 332 †
- Brindisi, Il porto di: C. De Giorgi, XVIII. 103 †
- Brine, L.: Travels amongst American Indians, etc., IV. 190 †; V. 158 §
- Bringaud, J. B.: Ethnographie des Birman-Karins, IX. 104 †
- Brinton, D. G.: Alphabets of the Berbers, IV. 578 †; Biography: W. J. M. and F. Boas, XIV. 689 †; Biography of H. Hale, IX. 468 †; Dwarf tribe of Upper Amazon, XIII. 217 †; Ethnology, on various supposed relations between the American and Asian races, IV. 473 †; Factors of heredity and environment in Man, XIII. 98 †; Linguistic cartography of the Chaco region, XIII. 217 †; Naggualism, V. 399 †; Native Calendar of Centr. America and Mexico, III. 73 †; IX. 190 †; Peoples of the Philippines,

BRION

XIII. 213 †; Protohistoric ethnography of W. Asia, VI. 296 †; Record of study in aboriginal American languages, XIII. 455 †; Reprints of four papers on anthropological subjects, V. 399 †; The "Nation" as an element in anthropology, IV. 471 †; Two unclassified recent vocabularies from S. America, XIV. 121 †

Brion, E.: Les colonies italiennes, VII. 214 †

—, W. F.; remarks on "A Great Globe," XII. 408

Brisbane, I. 240; and suburbs, Map (Pugh's Almanac), X. 462 †; XII. 444 †; Street and road map, XIII. 333 †

— river—Discovery; Address to R. G. S. of Australasia, Queensland: Sir H. M. Nelson, XVII. 214 †; Floods: Hon. A. C. Gregory, II. 370 §; C. J. R. Williams, XIV. 464 †; XV. 86 †; Land floods in a tidal river: C. J. R. Williams, XIX. 404 †; Mitigation of floods: Hon. A. C. Gregory, XVII. 196 §, 214 †; XIX. 237 †; Removal of the Lytton rocks: E. A. Cullen, XVII. 213 †

Brissac: L'Allemagne en Extrême-Orient, XIX. 396 †

Bristol—early port, X. 524; memorial tower to Cabot, X. 213; Expedition by merchants, IX. 605; Public institutions of: L. A. Taylor, XVIII. 323 †

Britain, Great: see Great Britain

Britannia, s.s., deep-sea deposits collected on, XIX. 699

British: for names of countries, etc., with this preface, see under specific names

— and Dutch in S. Africa: H. A. Bryden, XIV. 682 †

— and German trade for 1897, Results of (Foreign Office Rep.), XIII. 87 †

— Association—Bradford, 1900, XVI. 441; Address (Geographical Section): Sir G. S. Robertson, XVI. 477 †; Belfast, 1902, XX. 522; Bristol, 1898, XII. 377; Dover, 1899, XIV. 546; Address: Sir J. Murray, XIV. 688 †; Edinburgh, 1892, I. 472 †; Glasgow, 1901, XVIII. 508; Report, XIX. 782 †; Ipswich, 1895, VI. 460; Report, VII. 340 †; Liverpool, 1896, VIII. 482; Nottingham, 1893, II. 327; Report, IV. 91 †; Oxford, 1894, IV. 355; Report, V. 401 †; Toronto, 1897, X. 471; Address: J. S. Keltie, X. 656 †; Report, XI. 689 †

At Niagara Falls, XI. 316 †

Handbook of Canada, X. 650 †

British Colonies—

British Colonial Empire, Progress of: Sir C. W. Dilke, IX. 469 †

— Colonies, Dependencies, etc.: G. Gill, VIII. 533 †

Colonial import duties, XIII. 330 †

Colonies and the Century: Hon. Sir J. Robinson, XIV. 236 †

BRITISH EMPIRE

British Colonies—continued.

Colonies anglaises, Les: G. Chevallier, XIV. 236 †

Combined circulars on Canada, Australia, etc., XVIII. 343 †

Educational subjects, Special reports on, XVIII. 242 †

Entwicklung der handelspolitischen Beziehungen zwischen England und seinen Kolonien bis zum Jahre 1860: P. Busching, XX. 565 †

Geography of: W. Hughes and J. Williams, I. 380 †

Growth and Administration of: W. P. Greswell, XI. 575 †

Historical Geography of: C. P. Lucas, V. 181 †; IX. 461 †; XVIII. 332 †

Kolonialpolitik Grossbritanniens: A. Zimmerman, XI. 460 †; XIV. 124 †

Outlines of British Colonization: W. P. Greswell, II. 93 †

Politisch-geographische Rückblicke: F. Ratzel, XII. 105 †

Statistical tables relating to colonial and other possessions of the U.K., XVI. 133 †

Trade of: G. Mulhall, XI. 106 †

British Empire—

Army Book for the: Lieut.-Gen. W. H. Goodenough and Lieut.-Col. J. C. Dalton, IV. 90 †

Britain over the Sea: Reader for Schools: E. Lee, XVIII. 343 †

British Egg Supply: E. Brown, XVII. 446 †

— Empire in the Nineteenth Century: E. Sanderson, XIII. 571 †

— Series, Vol. 5, General, XIX. 662 †

—, The: Sir G. Chesney, III. 343 †

—, The: Sir C. W. Dilke, XIII. 462 †

Colonial and Indian Agriculture: R. Wallace, XVI. 707 †

Commercial Union of the Empire: Sir F. Young, VIII. 533 †

Constitutional relations of England and her dependencies: C. Roe, XVI. 375 †

Empire colonial de l'Angleterre en 1897: P. Chaix, XI. 689 †

Etappenstrasse von England nach Indien, etc.: C. Wachs, XIV. 690 †

Expansion of: W. H. Woodward, XV. 92 †

French View of: Baron P. de Coubertin, XI. 208 †

Geographical unity of: G. R. Parkin, IV. 91 †

Great alternative, The, a plea for National policy: S. Wilkinson, IV. 91 †

Greater Britain, short view of: A. Paul, VI. 102 †

Growth of, VII. 570 †; Growth of Greater Britain: G. Philip, XV. 448 †

BRITISH EMPIRE**British Empire—continued.**

- Handbook to history of Greater Britain :
 A. W. Jose, XVIII. 649 †
 Harmony of the Empire, XIX. 534 †
 Imperial Library, Imperial Britain : T.
 Johnson, XII. 626 †
 Lost possessions of England : W. F.
 Lord, VII. 685 †
 Notes on Exploration within British
 territory, X. 655 †
 Problems of the Empire : Sir H. H.
 Johnston, XX. 365 †
 Queen's Empire, The, XIV. 236 †
 Recent course of trade within : J. A.
 Baines, XI. 689 †
 Relative growths of component parts of :
 Sir R. Giffen, XIII. 688 †
 Resources, Commerce, III. 130 ; Re-
 sources, etc. : J. Lowles, XII. 105 †
 Run round the Empire : A. Hill, XI.
 576 †
 Seismic phenomena in : F. de Montessus
 de Ballore, IX. 347 †
 Statistical abstract for colonial and
 other possessions of the U.K., IX.
 347 †, XIII. 330 †, XV. 675 †, XVI.
 133 †
 Survey of Brit. protectorates, Report of
 Committee, XVIII. 590
 Unity of the Empire : J. Kirkpatrick
 and G. W. Prothero, X. 344 †
 Year-book of Imperial Institute, IV.
 472 †
 Wachstum Englands : J. Heiderich,
 XIX. 662 †
 British Fleet, The : C. N. Robinson, V.
 187 †
 — in S. America, The : Sir H. Vin-
 cent, XI. 683 †

British Isles—

- Agricultural Census, Next : W. E.
 Bear, XV. 662 †
 Bird Migration in : W. E. Clarke, IX.
 235 †
 Britain and the British Seas : H. J.
 Mackinder, XIX. 489 §, 523 †
 British Egg Supply : E. Brown, XVII.
 446 †
 British Isles through an opera glass :
 C. M. Taylor, XIV. 677 †
 Cassell's Gazetteer of Great Britain and
 Ireland, III. 344 †, XIII. 323 †, 676 †
 Caves and Speleology : E. A. Martel,
 X. 500 * ; XI. 194 †
 Census of 1891 and rural depopulation :
 L. L. Price, III. 529 † ; Census, 1901,
 first results, XVIII. 202 §, 547 †
 Climbing in : W. P. H. Smith and H.
 C. Hart, VI. 484 †
 Coal Industry, XVIII. 434 ; Coal prob-
 lem ; its relations to the Empire :
 C. W. Bellairs, XVIII. 323 † ; Coal
 reserves at close of the nineteenth
 century : E. Hull, XVII. 547 † ;
 Houille britannique et la question de
 l'épuisement : E. Levasseur, XVII.

BRITISH ISLES**British Isles—continued.**

- 207 † ; How long will our coal last ?
 J. Geikie, XVIII. 547 † ; Our coal
 supplies : T. F. Brown, XIV. 113 †
 Collins' Alternative Geography Reader,
 Book II. British Isles : M. T. Yates,
 XVII. 446 †
 Commercial Geography of British Isles :
 A. J. Herbertson, XIV. 677 †
 Configuration of the Earth's Surface,
 with special reference to British
 Isles, XV. 46
 Customs tariffs, XII. 428 †
 Demographic statistics : E. Cannan,
 XII. 203 †
 Descriptio Britanniae, Scotiae, etc., ex
 libro Paoli Jovii : A. Farnesi, I.
 473 †
 Desert conditions in Britain : J. G.
 Goodchild, XI. 662 § ; XII. 204 †
 Development of British scenery : J. E.
 Marr, XIV. 333 †
 Earthquakes, Some minor : C. David-
 son, XVI. 121 †
 Emigration and immigration, XIII.
 212 †
 Erratic blocks, XIV. 332 † ; XX. 241 †
 Fauna, History of, XV. 172
 Fisheries, Decay of our sea, XVIII.
 547 †
 Food Supply of U. K. : R. F. Crawford,
 XVI. 121 †, 220 §
 Forestry, Sad plight of British : Sir H.
 Maxwell, XIX. 104 †
 Gazetteer of : J. Bartholomew, II. 560 †
 Geographical conditions affecting
 British trade : G. G. Chisholm,
 XVIII. 424 *
 Geography of British Isles : L. W.
 Lyde, XII. 626 †
 Geological Survey reports, † III. 436 ;
 VI. 581 ; VII. 341 ; VIII. 308, 521 ;
 X. 119 ; Memoirs, Maps, etc., VIII.
 529 † ; Photographs of geological
 interest, † IX. 679 ; XII. 204 ; XIV.
 332 ; XVI. 364
 Growth of our Seaports : J. Ackland,
 XI. 90 †
 Imports and Exports of 40 years : M. G.
 Mulhall, XVI. 364 † ; Excess of Im-
 ports : Sir R. Giffen, XIV. 113 †
 Influence of Mediterranean peoples in
 prehistoric Britain : W. B. Dawkins,
 XIX. 395 †
 Land's End to John o' Groats, Map :
 H. R. H. Inglis, IV. 382 †
 Lakes—Conference on scientific study
 of, XVIII. 513 ; Maps of Lake dis-
 tricts of England, Scotland, and Ire-
 land : W. and A. K. Johnston, II.
 191 † ; Proposed survey, XVIII. 418
 Literature and history of British Is.,
 Catalogue, XVI. 574 †
 Maps—British Isles : Hirschberg and
 Oestergaard, XIX. 243 † ; Geological
 Surveys, XX. 566 †

BRITISH ISLES

British Isles—continued.

- Merchant Service, British, etc.: R. J. Cornwall-Jones, XIII. 329 †
- Meteorology—Atmospheric pressure and temperature: A. Buchan, XII. 323 †; Atmospheric temperature, Seasonal variation of: W. N. Shaw and W. R. Cohen, XIX. 395 †; British Rainfall, 1897: G. J. Symons and H. S. Wallis, XII. 627 †; 1898, XIV. 678 †; 1899, XVI. 695 †; Do., 1900, H. S. Wallis and H. R. Mill, XIX. 229 †; Frequency of rainy days in: R. H. Scott, XIII. 213 †; Gales on Coasts of British Isles, Prevalence of: F. J. Brodie, XX. 554 †; Meteorological Council Report, XIV. 333 †; XV. 662 †; XVIII. 228 †; Meteorological Observations at Stations of the Second Order, XI. 89 †; XIV. 224 †; XVI. 246 †; XVIII. 228 †; Monthly Results of Observations at Stations of Royal Meteorological Society: W. Marriott, XVII. 319 †; Pressure, Winds, and Rainfall: A. J. Herbertson, XIV. 579 †; Rain, Diurnal Range of, at Observatories in connection with Meteorological Office: R. H. Scott, XVI. 121 †; Rainfall: H. Mellish, XVIII. 104 †; Rainfall records in: G. J. Symons, III. 344 †; Tables: Gaster, XI. 309 †; Temperature of: A. Buchan, XIII. 557 †; Temperature Tables, XX. 241 †; Winter minima on mountain tops, XIV. 113 †, 315 §
- Mineral Industry, XVIII. 228 †; Mines and quarries, general report and statistics: C. Le Neve Foster, XIV. 333 †; XV. 294 †, 662 †; XVI. 246 †; XVII. 207 †
- Ocean Highways: their bearing on food, etc.: Lord G. Hamilton, III. 436 †
- Approaches to U.K.: Sir R. Rawson, III. 436 †
- Phenological observations: E. Mawley, XVII. 445 †; XVIII. 323 †
- Progress of external trade in recent years: S. Bourne, II. 185 †
- Proposed geographical description of: H. R. Mill, VII. 345 *; XVIII. 416 *
- Pytheas, the discoverer of Britain: Sir C. R. Markham, I. 504 *
- Roman Roads of Britain: W. B. Paley, XIII. 212 †; Roman defences of S.E.: V. Horsley, XVII. 547 †
- Rural depopulation: G. B. Longstaff, III. 77 †
- Sea-fisheries and fishing areas, etc.: W. L. Calderwood, III. 344 †
- Shipping casualties, abstracts of returns, XVII. 86 †
- Statistical Abstract, IX. 235 †
- Submerged terraces and river valleys: E. Hull, XIII. 212 †
- Sub-oceanic features off coasts, XIII. 286

BROADBACK RIVER

British Isles—continued.

- Sunshine in: H. N. Dickson, II. 277 †
- Sydow-Habenicht: Methodischer Wand-Atlas, II. 94 †
- Tide-tables for British and Irish ports: H. R. Harris, IV. 468 †; VIII. 190 †; IX. 574 †; X. 548 †; XII. 627 †; XV. 78 †; XVI. 695 †; XIX. 104 †, 229 †
- Trade, Critical position of: T. H. Whitehead, VI. 102 †; United Kingdom and its Trade: H. Cox, XX. 352 †
- Volcanoes of: Sir A. Geikie, X. 307 §
- Voyages of early Celts to and from British Isles: J. B. Nevius, XVIII. 323 †
- Wages and earnings of agricultural labourers, Report, XVII. 208 †
- Year-book of scientific and learned Societies of Great Britain and Ireland, VIII. 189 †
- Museum (Natural History), Guides to the fossil invertebrates, etc., in, IX. 688 †; Suggestions as to collecting, etc., XX. 131 †
- Mycetoza Guide: A. Lister, VII. 448 †
- S. Africa Company, Director's report, XV. 296 †, 535 §; Work in Mashonaland, I. 322
- Brittany—
- Anthropology of: P. Topinard, X. 546 †
- Armorika: H. Credner, XVIII. 631 †
- Au pays des Homards: de Bassilan, XI. 87 †
- Beiträge zur geographischen Charakteristik der Bretagne: M. Friederichsen, XIX. 766 †
- Book of: S. Baring-Gould, XIX. 227 †
- "Bretagne" de Rutimeyer: A. Rinaud, XII. 426 †
- Bretagne et la colonisation française: A. Layec, XVII. 543 †
- Brittany: S. Baring-Gould, XX. 551 †
- Des Divisions géographiques de la Bretagne: C. Barrois, X. 225 †
- Etudes sur le basse Bretagne: L. Gallouédec; Le pays de Léon, I. 278 †
- La Cornouailles intérieure, III. 344 †
- Iles Bretonnes: A. Dumazet, IX. 231 †
- North-Western France (Normandy and Brittany): A. J. C. Hare, VI. 579 †
- Pre-historic monuments of: A. B. Macallum, XIV. 330 †
- Renseignements statistiques sur la Bretagne: A. Layec, XX. 238 †
- Brittlebank, C. C.: Rate of erosion of some river valleys, XVI. 589 †
- Britton, A. C.: Photographs of Beira railway, IV. 384 †
- Brive, Les grottes artificielles des environs de: P. Lalande, X. 546 †
- Brixen and Linnemann: Das Hinterland von Hatzfeldthafen, VI. 298 †
- Broadback river, Canada, X. 11

BROADBENT

- Broadbent, F. L.: Morocco, the Straits, and France, II. 187 †
- Broadfoot, G.: Career of, I. 473 †
- , W.: Kafiristan and the Kafirs, IX. 461 †; obituary of Major-Gen. S. A. Abbott, III. 341
- Brocard: La Spéléologie de la Meuse, VIII. 411
- Broch, A.: Paa høifjeldet mellem Serbien og Bulgarien, XVII. 543 †
- Brocherel, J.: The Kirghiz, XX. 668 †
- Brockbank, W.: Glacier moraines in Cumberland and Westmoreland, VI. 482 †
- Brocken—Brocken als Geisterberg; A. Kirchhoff, XVII. 444 †; Meteorological Station on, VI. 382; Winterbilder vom: H. Stade, XVII. 444 †
- Brockman, F. S.: Report on Exploration of N.W. Kimberley, Australia, XX. 456 §, 471 †
- Broden, A.: De l'influence des températures élevées sur l'organisme humain, 591 †; La Malaria d'après les dernières recherches des Italiens, XVI. 134 †
- Broderick, T. N.: Explorations in New Zealand Alps, I. 34, 39; Reconnaissance survey from Tekapo to mt. Cook, XII. 102 †
- Brodie, F. J.: Prevalence of gales on coasts of the British Is., XX. 554 †; Prolonged deficiency of rain in 1897 and 1898, XV. 78 †
- Brodrick, Hon. G.: remarks on "Montenegro and its Borderlands," IV. 405; on address by Sir C. R. Markham, VI. 94
- , M.: Handbook for travellers in Lower and Upper Egypt, IX. 238 †
- , M., and A. A. Marten: Concise dictionary of Egyptian Archaeology, XIX. 527 †
- Broeck, E. van den: Les Mistpoeffers, IX. 112 †; Phénomène de la Migration, XIV. 123 †
- Broeker, D.: Die Faeröer-Gruppe, VII. 107 †
- Brügger, W. C., and N. Rolfsen: F. Nansen, 1861–1893, IX. 115 †
- Broheme, W. Africa, I. 125
- Broken Hill, Silver sulphides of, IX. 684 †; Visit to: M. Frewen, VI. 584 †
- Bromberg, F. G.: Coosa river, XVIII. 234 †
- Brooke, J. P.: Natural features of Israelite Bay, IX. 580 †
- Brooks, A. H.: Expeditions to Alaska, XIV. 322; XX. 106, 543
- Brooks, J.: Photographs of Monaro district, N. S. Wales, III. 444 †; Trigonometrical survey of Mt. Koscziusko and neighbourhood, III. 520
- Brosch, G. R. von: Prof. Dr. Nansen und Payer's Karte von Franz-Josef-land, XVI. 109 §, 128 †
- Brosch I., Franz Josef Land, X. 185
- Brose, M.: Deutsche Kolonialliteratur, X. 656 †; XIV. 467 †; XVI. 260 †

BROWN

- Brosselard-Faidherbe, Capt.: Casamance et Mellacorée, Pénétration au Soudan, I. 377 †
- Brouage, Une visite à: G. Mauberger, XVIII. 453 †
- Brough, B. H.: Mining, etc., Industries of Sweden, XI. 193 †
- Broughton-Bai, Die: Immanuel, V. 180 †
- Brousse, E.: L'Enclave espagnole de Llivia, XIII. 452 †
- Brousseau, S.: on Franco-Brazilian contested territory, XIV. 213; Richesses de la Guyane Franco-Brésilien, XIX. 236 †
- Broussa, report (Foreign Office), XII. 630 †
- Brower, Hon. J. V.: Explorations on headquarters of the Missouri, IX. 328; Mississippi river and its source, V. 609 †; VI. 285 §; VIII. 312 †; IX. 579 †; Prehistoric man at the headwaters of the Mississippi, VII. 565 †
- Brown, A. S.: Guide to S. Africa for use of tourists, etc., XV. 440 †; Madeira and Canary Is., XIII. 680 †; XIX. 107 †
- , B. C.: Three days with Mt. King, VIII. 191 †; About the headwaters of S. and Middle Forks of King's river, VIII. 312 †; Wanderings in the high Sierra between Mt. King and Mt. Williamson, IX. 464 †
- , E.: British egg supply, XVII. 446 †
- , E. R.: Geography work for primary children in city schools, XVII. 455 †
- , F. F.: Dawson of to-day, XVII. 451 †
- , Rev. G.: Photographs of Br. and Germ. New Guinea, XV. 452
- , H. S.: From Calcutta to Bombay coasting, XX. 555 †
- , H. Y. L.: Geological map of S. Australia, XVII. 459 †; Do. of Northern Territory, XVII. 459 †; S. Australia, Explorations in N. Territory, VII. 336 †, 554 §
- , J.: Flags of Britain and her colonies, etc., XII. 444 †
- , J. A.: High-level river drift between Hanwell and Iwer, VI. 483 †; Stone implements from Pitcairn I., XVII. 680 †
- , J. S.: Fur-seals and Bering Sea arbitration, IV. 578 †
- , M. W.: Equipment of exploring expeditions, XIII. 220 †
- , P.: Temperature records on British mountain-tops, XIV. 113 †, 315 §
- , R.: History and description of Africa by L. Africanus, edited by, VIII. 530 †; obituary, VI. 577; obituary of H. Rink, III. 65; Origin of ancient northern constellation figures, X. 345 †; Story of Africa and its Explorers, I. 182 †; II. 563 †; IV. 470 †; V. 509 †

BROWN

Brown, R. H.: Fayum and Lake Moeris, I. 55 §, 84 †; Land of Goshen and the Exodus, XIV. 117 †

—, T. F.: Our coal supplies, XIV. 113 †

—, W. H.: On the S. African frontier, XIV. 582 †

—, Mt., and sources of the Athabasca: A. P. Coleman, V. 53*; height, etc., V. 58; XIII. 345, 354

Browne, C. R.: Ethnography of Ballycroy, IX. 458 †; of Clare I. and Inishturk, XIII. 319 †; of Co. Mayo, VII. 328 †; of Inishbofin and Inishshark, IV. 185 †

—, and A. C. Haddon: Ethnography of Aran Is., Co. Galway, II. 561 †

—, E. G.: A year among the Persians, III. 346 †

—, G. F.: letter on map of Centr. and S. Manchuria, XV. 654

—, J. B.: Across the Gulf by rail to Key West, VIII. 419 †

Brownell, C. L.: Heart of Japan, XX. 667 †

Brown-Harvard expedition to E. Coast of Labrador, XX. 232; Report: E. B. Delabarre, XX. 559 †

Browning, H.: A girl's wanderings in Hungary, VIII. 648 †

Brownlie, A.: Science of the tides, XVII. 681 †; Solution of problem of tidal bore, XIX. 408 †; Tides in the midst of the Pacific Ocean, XX. 361 †

Bruay, Excursion aux Mines de, XV. 660 †

Bruce, A. L.: obituary, III. 67

—, Hon. C. G.: Mission to Chitral, I. 134, 455; Mountaineering in Himalayas, XVII. 550 †

—, W. S.: Animal Life observed during voyage to Antarctic seas, IV. 285 †; Antarctic exploration, VIII. 194 †; Arctic and Antarctic, XIX. 532 †; Biography of Baron A. E. von Nordenskjöld, XIX. 409 †; Cruise of *Balæna* and *Active* in Antarctic, VII. 502*; Photographs of Antarctic regions, VI. 204; Preliminary report on whaling voyage to Antarctic, II. 430; remarks on "Renewal of Antarctic exploration," III. 35; Scottish National Antarctic expedition, XVI. 255 †; XVIII. 539; XIX. 404 †; XX. 6, 440, 673 †; Spitzbergen 1898 and 1899, XVI. 587 †; With the yachts *Blencathru* and *Princesse Alice* to Barents and Greenland Seas, XIII. 685 †; Zoology of Franz Josef Land, XI. 137

— and C. Donald: Cruise of *Balæna* and *Active* in Antarctic Seas, VIII. 422 †

Brüch, J.: Des Aristoteles Heimat oder die Halbinsel Chalcidice, I. 564 †

Bruchhausen, K. von: Abessinien als Goldland, XIX. 771 †; Die alten und neuen Grenzen Erythräas, XII. 434 †; Eine deutsche Kohlenstation im Roten

BRUNNER

Meere, XIX. 106 †; on Uchungwe mts., X. 638

Bruckmann, A.: Illustrated Guides, V. 395 †

Brückner, A.: Kamtschatka, III. 160 †

—, E.: Der Einfluss der Klimaschwankungen, etc., VI. 579 †; Die feste Erdrinde und ihre Formen, XVII. 216 †; Die Frage der Weltkarte im Massstab 1:1,000,000, VIII. 533 †; Die Schweizerische Landschaft einst und jetzt, XVI. 573 †; XVII. 445 †; on daily variation in discharge of Alpine rivers, IV. 562; on heights of rivers, X. 620; on surface changes since middle of seventeenth century in Canton Zürich, VIII. 634; on variations of climate in farming, V. 267; Rapports du Comité du Ve. Congrès international, VIII. 534 †; Ueber den Einfluss der Schneedecke auf das Klima der Alpen, III. 255 †; Ueber die angebliche Aenderung der Entfernung zwischen Jura und Alpen, III. 157 †; Ueber die Herkunft des Regens, XV. 444 †; Ueber Schwankungen der Seen und Meere, III. 256 †; Veränderungen der Erdoberfläche im Umkreis des Kantons Zürich, IX. 234 †; Zur Frage der 35-jährigen Klimaschwankungen, XX. 674 †

Bruges, sa procession et les travaux du port de Heyst: V. Pigache, XIII. 675 †; Bruges et le nouveau canal maritime: J. du Fief, XIII. 317 †; Ship Canal, etc.: L. F. Vernon Harcourt, XIV. 674 †

Brugière, F.: L'expansion européenne pendant le XIX^e siècle, XVIII. 556 †

Brugsch, H.: biography: W. Wolkenhauer, V. 400 †

Bruhl, G.: Valparaiso und sein Deutschthum, IX. 465 †

Bruhns, B.: Ueber die vorgeschichtliche Bevölkerung auf deutschen Boden, XX. 350 †

Brunet, L. et L. Giethlen: Dahomey et Dépendances, XVII. 322 †

Brunhes, J.: Etude de géographie humaine, XX. 675 †; Les irrigations en Egypte, XI. 198 †; L'Homme et la terre cultivée, XVI. 131 †; Quelques formes spéciales de la pénétration anglaise en Egypte, XVIII. 232; Sur quelques phénomènes d'érosion et de corrosion fluviales, XI. 573; Sur un principe de classification rationnelle des gorges creusées par les cours d'eau, XX. 364 †

Brun, J.: La Roumanie actuelle, XI. 193 †, 681 †

Brunei and Sarawak, Trade (Foreign Office Rep.), XVI. 697 †

Brunet, L.: Un projet de colonisation Russe dans la Méditerranée au XVIII^e siècle, XI. 565 †, 681 †

Brunner, H.: Antarktis, XII. 102 †; Durch Asiens Wüsten, XV. 550 †

BRUSA

- Brusa, IX. 151; Country between Brusa and Beyjik, IX. 264; Brusa to Kirkagach, table of altitudes, IX. 275
- Brussels, International Colonial Institute at, III. 523
- Bruun, D.: Andréé search expedition under, XIII. 200; Arkæologiske Undersøgelser paa Island, XV. 661†; XVII. 244†; Cave Dwellers of S. Tunisia, XIII. 215†, 415§; Den arkæologiske Expedition til Julianehaabs distrikt 1894, VI. 99†; Gjennen affolkede Bygder paa Islands indre Højland, XI. 680†; Ved Vatna Jökulls Nordrand, XX. 351†
- Bruun, Cape, Franz Josef Land, X. 186
- Bryant, C.: Les lacs d'Auvergne et l'agriculture, XX. 349†
- Bruyn, H. E. de: Relation between mean sea-level and height of half-tide, XVII. 216†
- Bruyssel, E. van: La République du Paraguay, I. 569†
- Bruzzo, G.: Di Grazioso Benincasa e del suo Portolano, X. 654†
- Bryan, Lieut.: journey to Bauchi, Nigeria, XIV. 447
- Bryant, H. G.: Arctic expedition of, IV. 19; Drift casks to determine Arctic currents, XV. 443†; XIX. 404†; Journey to Grand Falls of Labrador, III. 533; VI. 583†; Notes on most northern Eskimos, VIII. 426†; Peary auxiliary expedition, 1894, IV. 531*; VI. 585†; Photographs of Mt. St. Elias range, XII. 112
- , J.: Glimpses of Australian exploration, XIX. 237†
- Bryce, A.: remarks on "Journeys in Fr. Indo-China," II. 211; on "Journeys in Siamese E. Coast States," XI. 490
- , G.: Assiniboine river and its forts, III. 253†; Early days in Winnipeg, IV. 378†; Early Red River culture, XVIII. 332†; Lake of the Woods, XI. 200†; Sketch of life and discoveries of R. Campbell, XIII. 570†; Worthies of Old Red River, IX. 107†
- , Rt. Hon. J.: Economic geography of Rhodesia, X. 474; Importance of geography in education, XIX. 301*; Impressions of S. Africa, XI. 94; XII. 300§; XV. 194; remarks at Anniversary dinner 1892, II. 85; remarks on "Geographical conditions determining history and religion in Asia Mi.," XX. 275; Transcaucasia and Ararat, IX. 339†
- , J. A.: remarks on "Notes on journey to S.W. Provinces of Siam," VI. 543
- Bryden, H. A.: Extermination of great game in S. Africa, V. 90†; Gun and camera in S. Africa, II. 90†; III. 499†; remarks on "Notes on portion of Kalahari," I. 338

BÜCHNER

- Brymner, D.: Death of Sir H. Gilbert, XII. 104†; Jamaica Maroons. How they came to Nova Scotia, IX. 341†
- Buache, P.: contoured maps invented by, VI. 369; Un mémoire et une lettre du géographe: F. Vuacheux, XX. 675†
- Bubenday, J. F.: Die Temperature des fließenden Wassers zur Zeit der Eisbildung, IV. 89†
- Bubanjidja, W. Africa, V. 50
- Buch, L. von: biography, XVII. 682†
- Buchan, A.: Annual rainfall of Scotland from 1800 to 1898, XVI. 364†; Fogs and storms on coasts of Scotland, XX. 241†; Mean atmospheric pressure and temperature of British Is., XII. 323†; on oceanic circulation, V. 363; Rainfall of S. Africa, IX. 570†; remarks on "Annual range of ocean temperature," XII. 135; on "Renewal of Antarctic exploration," III. 35; Royal Society's Antarctic meeting, XI. 421; Specific gravities, etc., VII. 683†; Temperature of British Is., XIII. 557†; Temperature of London for 130 years, 1763–1892, II. 87†; Tidal currents of North Sea, XIV. 588†; XVI. 704†
- Buchanan, E. M.: Report on forests around Stewart sound, N. Andamans, IX. 321§, 575†
- , J.: Agricultural work in Nyassaland, V. 202; Industrial development of Nyassaland, I. 245*; obituary, VIII. 79
- , J. Y.: Cruise of *Princess Alice*, IV. 368; XX. 546; Chemical and physical notes, XIX. 111†; Guinea and Equatorial currents, VII. 267*; Meteorology of Ben Nevis in clear and foggy weather, XVI. 695†; Modifications of water-bottle and thermometer for deep-sea research, III. 351†; On physical and chemical work of an Antarctic expedition, XIV. 552†; XV. 197†; On rapid variations of atmospheric temperature, V. 397†; remarks on limits between geology and physical geography, II. 533; Report on geography at Cambridge, II. 25; Retrospect of oceanography, VIII. 424†; Sur la densité et l'alcalinité des eaux de l'Atlantique et de la Méditerranée, II. 374§, 567†; V. 398†; Temperature of deep ocean water, IV. 260; Use of the globe in study of crystallography, VIII. 423†; Use of hydrometer, V. 363; Work at Cambridge, II. 16
- Buchenstein valley, Wedges of lower and middle Trias above plane of overthrust in, XVI. 462
- Buchet, G.: Planktonmètre pour pêches pélagiques à grande vitesse, XVI. 374†
- Buchheister, M.: Die Elbe und der Hafen von Hamburg, XV. 293†
- Büchner, E.: Aussterben des Wisents (*Bison bonasus*), IX. 659§, 686†

BUCHNER

- Buchner, L.: Die Insel Nikaria, V. 287 †;
The origin of mankind, III. 256 †
- Buchs, V.: Voyages en Abyssinie, X. 456 †; XIV. 117 †
- Buchwald, J.: Beitrag . . . der Vegetation von West-Uambara, IX. 340 †
- Bucking, H.: Beiträge zur Geologie von Celebes, XV. 664 †
- Buckinghamshire — Copper traces in Bucks and Montgomery Counties: R. S. Lyman, XIII. 566 †
- Buckley, R. B.: Irrigation works in Egypt and India, II. 188 †
- Buckman, S. S.: Development of rivers, and . . . Genesis of the Severn, XIV. 88 §, 113 †; XX. 533 §, 666 †; Valley of Lower Wye, XV. 79 †
- Budak Raja of Trengganu, IX. 17
- Budapest—
Capital, in 1891: J. Körösy and G. Thirring, IX. 469 †
- Extraits de Monographies parues sur la ville de: R. Havass, XX. 120 †
- Natalitäts- und Mortalitäts-Verhältnisse: J. von Körösy und G. Thirring, XIII. 88 †
- Population and area, IX. 88; Population de la ville de: A. Berecz, VIII. 648 †; IX. 232 †
- Resultate der Volksbeschreibung und Volkszählung: J. Körösi und G. Thirring, VII. 108 †
- Statistics—History of statistical bureau of: G. Thirring, IV. 469 †; Publicationen des Statistischen Bureaus: J. von Körösy, VIII. 88 †; Statistisches Jahrbuch: G. Thirring, XIV. 111 †
- Sterblichkeit der Haupt- und Residenzstadt Budapest: J. von Körösy, XVIII. 632 †
- Budda Ardesa; E. Africa, VIII. 134
- Buddha; Legends and Miracles of: N. Chandra Das, XIII. 571 †; Tibetan guide-books to lost sites of Buddha's birth and death: L. A. Waddell, X. 455 †
- Buddhist caves near Saitu, III. 460
- monastery at Sohnag: V. A. Smith, XVI. 487 §
- pilgrims to India, journeys of, VIII. 243
- praying-wheel: W. W. Simpson, IX. 348 †
- Buddu and Ankoli, Capt. Ashburnham's surveys, XV. 65; Buddu, Koki and Ankole, surveys in: Hobart, XII. 189; Route from Buddu to Kitangule, VI. 304
- Budge, E. A. W.: Egyptian antiquities in possession of Lady Meux, VIII. 652 †; Life and exploits of Alexander the Great, VII. 449 †; Lives of Mabâ, Seyôn and Gabra Krestôs, XIII. 571 †
- Buduma tribe, Lake Chad, XVII. 144
- Buelna, L. E.: La Atlántida, XIII. 461 †
- Buenaventura, Colombia, XVII. 350

BUKOVINA

- Buenos Ayres (city and province)—
Agriculture, l'élevage . . . dans la Province en 1895, X. 553 †
- Anales del Museo Nacional de Buenos Aires: C. Berg, XIV. 341 †
- Annuaire Statistique, VIII. 313 †; X. 651 †; XIV. 684 †; XVI. 702 †; XX. 671 †
- Anuario de la Direccion General de Estadística, XIV. 684 †
- Buenos Aires à Valparaíso: J. Lefavre, IX. 464 †
- Bureau démographique, XIV. 669
- Estudios sobre puertos en la Provincia de: J. B. Figueroa, XIII. 324 †, 197 †
- Geología de la Provincia de Buenos Aires, Contribuciones al Conocimiento de la: R. Hauthal, XIX. 402 †
- Harbour Works: J. M. Dobson, XV. 84 †; 442 †
- Map of Province: E. Delachaux, III. 539 †
- Memoria: E. Frers, VII. 334 †
- Nota sobre la industria de la pesca en la provincia de: F. Lahille, VII. 444 †
- Provincia de Buenos Aires: E. Frers, IX. 108 †
- Sanitary Works: Hon. R. C. Parsons, VIII. 419 †
- Trade of Consular district (Foreign Office Rep.), XVI. 584 †; XVIII. 335 †
- Buenos Ayres and Pacific Railway Co.; Map of Argentine railways, XV. 202 †
- Buenos Ayres lake, Patagonia, XIV. 354; XVII. 404
- Buganda: G. Baskerville, VIII. 652 †
- Bugonia of the Ancients, and its relation to *Eristalis tenax*: C. R. Osten-Sacken, III. 353 †; Bugonia-lore of the Ancients: C. R. Osten-Sacken, VII. 224 †
- Bugres, H. Meyer über die, VIII. 420 †
- Bugufu, E. Africa, VI. 315
- Buhain göl, C. Asia, III. 464
- Buhle, H.: Das Deutschthum in Guatemala, XIX. 402 †
- Buhler, G.: Origin of town of Ajmer, XI. 311 †
- , W.: Ueber den Einfluss der Schneedecke auf die Temperatur der Erdoberfläche, XX. 364 †
- , Ebermayer, and others: Einfluss des Waldes auf den Stand der Gewässer, XV. 198 †
- Buhse, F.: Die grosse persischer Salz-wüste, I. 84 †
- Bujnurd, Persia, X. 576
- Buka river, Tibet, XII. 273
- Bukhara: see Bokhara
- Bukhteyeff, A.: Hydrographical researches . . . on Novaya Zembla, XII. 93 †
- Bukhtarma river, Sources of: V. Tronoff, XII. 207 †; glacier, Tronoff on, XI. 177
- Bukoba, Der Bezirk: Richter, XIV. 681 †
- Bukovina—
Aus dem Gebirge der: C. V. Hormuzaki, XIII. 529 §, 554 †

BUKOVINA

Bukovina—*continued*.

- Hartile-Bucovinei: D. Olinescu, IX. 675 †
 Herkunft der Deutschen in der: R. F. Kaendl, IX. 457 †
 Bukowski, G.: Ergebnisse der in 1890–91 in südwestlichen Kleinasien geologischen Untersuchungen, I. 375 †; Geologische Uebersichtskarte der Insel Rhodus, XIV. 455 †
 Bulatovitch, A. K.: explorations S. of Abyssinia, XIV. 663; Dell' Abissinia al lago Rodolfo per il Caffa, XV. 438 †
 Buleon, R. P.: Excursion au pays des Eshiras, V. 283 †
 Buluwayo—railway, X. 328; XIII. 377; Bulawayo to Victoria Falls: A. Lawley, XIII. 94 †
 Bulgaria—
 Map; Verteilung der jährlichen Niederschläge in Bulgarien: C. Kassner, XX. 367 †
 Niederschlagsverteilung in Bulgarien: C. Kassner, XX. 551 †
 Nomenclatura orografica della Bulgaria: C. Garnier, XI. 446 †
 Photographs: N. E. Buxton, XIX. 539
 Sources et pertes des eaux en Bulgarie: H. et K. Scorpil, XIV. 110 †
 Trade, XII. 536 †; XV. 187 †; XVI. 570 †
 Bull, H. J.: Cruise of *Antarctic* to S. Polar regions, VIII. 422 †
 Bullen, F. T.: Cruise of the *Cachalot*, XIII. 331 †
 Buller, E. W.: Semi-azimuths, a new method of navigation, II. 373
 —, Sir W.: Horowhenua commission, IX. 243 †; Illustrations of Darwinism and other papers, VI. 99 †
 Bullock, T. L.: Intercourse in the past between China and foreign countries, XIV. 456 †
 Bülow, W. von: Die Dürre des Jahres 1896 auf der Insel Savaii, X. 123 †; Die Namen der Samoa-Inseln, XVI. 491 †
 Buls, C.: Du Stanley Pool au Stanley Falls, XV. 193 †
 Bulugubietes, Begleitworte zu der Karte des nördlichen: M. Moisel, XIV. 460 †
 Bulun Kul and Yashil Kul, C. Asia, II. 393
 Bumba river, C. Africa, XIV. 445
 Bumban, W. Africa, altitude, etc., X. 240, 393, 397
 Bunbury, Der Hafen von: H. Tiedemann, XV. 87 †
 Bunbury, Sir E. H.; obituary: Sir C. R. Markham, V. 498
 Bunde tribe, Sierra Leone, IV. 132
 Bundooism, Modern, in Pagan Africa: F. Snelson, XIV. 458 †
 Bundu ceremony, Sierra Leone, IV. 134
 Buner, Ancient topography of: Stein on, XIV. 660
 Bunju lake: *see* Lue
 Bunter; pebble beds, IX. 82
 Bunya Bunya range, Queensland; Notes

BURMA

- on two traverses of: R. L. Jack, XI. 456 †
 Buondelmonti, C.: Description des Iles de l'Archipel, XII. 321 †
 Bur Dap mt., Somaliland, XI. 26, 39; XII. 78
 Burd valley, E. Africa, V. 550, 552
 Burada, T. T.: Remăsiți românești în Galiția, XI. 679 †; Români din Istria, IX. 675 †
 Burchard, O.: Ein Besuch der Insel Palma, XX. 668 †
 Burchardt, H.: Reiseskizzen aus dem Yemen, XX. 666 †
 Burekhardt, C.: Profils géologiques transversaux de la Cordillère Argentino-Chilienne, XVI. 701 †; Rapport préliminaire sur une Expédition géologique dans la région andine, XV. 181 §, 196 †; Traces géologiques d'un ancien continent pacifique, XVIII. 340 †, 540 §
 —, F.: Zur Erinnerung an Tycho Brahe, XX. 473 †
 Bure, P.: Tientsin, XIV. 579 †
 Bure district, N.E. Africa, XVII. 507
 Bureau, E.: La flore de Madagascar, VII. 443 †
 Buresch, K.: Aus Lydien, XI. 682 †
 Burgani country, E. Africa, II. 133
 Burgess, J.: Geographical place-names in Europe and the East, VIII. 536 †
 Burglehner, M.: Tirolische Landtafeln, XIX. 785 †
 Buria, W. Africa; altitude, etc., X. 393, 397
 Burian, J.: Combinierter Umdruck einer Farbenkarte, XVIII. 458 †
 Burkeneji tribe, E. Africa, II. 538
 Burkhan Buda mts., C. Asia, XVII. 304
 Burkhard, W.: Das Observatorium auf der Zugspitze, XVII. 443 †
 Burle tribe, E. Africa, VIII. 224
 Burls, H. T.: Ascent of Mt. Kinabalu, XIV. 207; Photographs of Robinson range in Alaska, XIII. 104 †
 Burma—
 Archæology, Papers on subjects relating to: Forchhammer, I. 473 †; Notes on archæological tour through Ramannadesa: Tan Sein-ko, III. 70 †
 Birmanie, les pagodes, etc.: E. Gallois, XI. 567 †
 Burma: M. and B. Ferrars, XVI. 365 †
 —: H. Schmitz, XIII. 558 †
 — under British rule, and before: J. Nisbet, XIX. 524 †
 Burmo-Chinese sub-region of geography of mammals, VIII. 380, 383
 Calculating tables in English and Burmese: J. D. Clary, IX. 582 †
 Census, 1891, VIII. 650 †
 Chin Hills; History of People, etc.: B. S. Carey and H. N. Tuck, VIII. 650 †; The Siyin Chins: F. M. Rundall, III. 160 †
 Der Aussatz in Birma, VII. 677 †

BURMA

Burma—continued.

- Diary of E. S. Carey, Jade Mines Escort, IX. 338 †
- Ethnographie des Birmans** Karins: J. B. Bringaude, IX. 104 †
- Exploration, etc.—Along a Shan Road, Upper Burma: W. Sutherland, XI. 683 †; Arracan Expedition, 1825, XVI. 365 †; Birmania e il viaggio di L. Fea: C. Bertacchi, X. 339 †; Sana Kachin expedition, Report: M. N. Turner, IX. 338 †; Shan States, Report on tour through: G. C. Rigby, IX. 338 †; Unexplored Areas, II. 492; Wanderings in Burma: G. W. Bird, XI. 683 †
- Far Cathay and Farther India: Major-Gen. A. R. Maemahon, I. 83 †
- Frontiers**—Boundary Commission surveys, XIV. 314; Burmo-Chinese Frontier, etc.: E. H. Parker, X. 228 †; Frontier districts, Reports by officers of Intelligence Branch, X. 325
- Gazetteer of Upper Burma and Shan States**: J. G. Scott and J. P. Hardiman, XVII. 549 †; XVIII. 636 †
- Geology of Country along Mandalay-Kunlong Ferry railway route**: P. N. Dutta, XVI. 577 †
- How the famine came to Burma: H. Fielding, IX. 680 †
- Kachin Hills**, note on botany: E. Pottinger and D. Prain, XIII. 558 †; Kachins of the Chinese borderland, F. A. Steven, XII. 96 †
- Kairuma** . . . columns, Chin Hills, report: C. H. Turner, IX. 338 †
- Mahabodhi or Great Buddhist Temple**: Sir A. Cunningham, II. 89 †
- Miocene** of: F. Noetling, XVII. 88 †
- Myingyan**, etc., districts in Burma, **Geology**: G. Grimes, XIV. 458 †
- Petroleum** in: F. Noetling, XI. 567 †
- Railways**—Burma-China railway: W. Sheriff, XVI. 696 †; Burma-Karenni, VII. 601; Burma-Sechuan; E. C. Pottinger's surveys, XVI. 680; Communication with W. China, XIX. 273, 276; Railways in Burma: J. Nisbett, XIII. 558 †
- Sanitarium** in, Report on various sites for: C. E. Macquoid, XII. 431 †
- Spiders** of: S. Thorell, XI. 90 †
- Supposed "Tribute" to China**: E. H. Parker, XII. 430 †
- Surveys**, II. 152; VI. 29; in Upper Burma, VIII. 58; (topographical work), XI. 60
- Thetta column and work** in S. Chin Hills, Report: J. Harvey, IX. 338 †
- Trade**, IX. 338 †; Internal, XI. 312 †; with Yunnan, X. 209
- Transliteration of Burmese into English tables**, IX. 575 †; of Shan names into English, XVI. 696 †
- Vertebrate animals** in India, Ceylon,

BUSCHAN

Burma—continued.

- and Burma; Distribution of: W. T. Blanford, XIX. 524 †; XIX. 633 §
- War**, Unpublished Document relating to First Burmese, X. 648 †; Third do.: A. Keene, XIV. 115 †
- Burn**, R.: Bakhtiari Hills, XI. 452 †
- Burne**, Sir O. T.: The Colonies; their Arts, etc., XI. 208 †; India; its Arts, etc., IX. 104 †
- Burnley**, W. H.: Tobacco and cotton cultivation in Br. W. India Colonies, X. 652 †
- Burn-Murdoch**, W. G.: From Edinburgh to the Antarctic, V. 92 †, 174 §; Geographical paintings at the British Ass., II. 328
- Burns**, E.: Coinage of Scotland, XII. 205 †
- Burr**, W. H.: Panama route for a ship canal, XX. 469 †
- Burrard**, S. G.: Attraction of Himalaya Mts. upon plumb-line in India, XIX. 685 §; XX. 123 †; on longitude of Madras, XI. 174; Report on recent determination of do., XI. 195 †
- and E. Roberts: Tide tables for Indian ports, XI. 312 †; XIII. 454 †
- Burroughs**, J., J. Muir, G. Grinnell, and others: Results of Harriman Alaska expedition, XX. 247 †
- Burrows**, A. J.: on changes in Romney Marsh, IX. 546
- , F. R.: Methods of teaching geography, IX. 116 †; Teaching of geography in preparatory schools, XVII. 682 †
- , G.: Land of the Pigmyes, XIII. 215 †, 417 §; Natives of Upper Welle district, XIII. 561 †
- Burton**, Rev. A.: On a bicycle in Australian Wilds, XV. 86 †
- , Lady: death of, VII. 559
- , R. G.: Conquest of Java, XIX. 654 †
- , Sir R.: Geographical work in Africa, IX. 599; Life of: Lady Burton, II. 381 †; Pilgrimage to Mecca, XIV. 334 †; The True Life of: G. M. Stisted, IX. 345 †
- Buru**: see Doenyo Buru
- Burukiss pass**, C. Asia, VI. 352
- Burusch van Masarek**, Het: H. Hendriks, IX. 576 †
- Bury**: Journey in Hadramaut, XIII. 638
- Busano mt.**, E. Africa, IX. 180
- Buscalione**; expedition to Amazon valley, XIV. 213
- Bush**, N. A.: Preliminary report on journey in N.W. Caucasus, XI. 568 †; Vorläufiger Bericht über eine Reise in den nordwestlichen Kaukasus, XIII. 428 §, 454 †
- and N. N. Schukin: Explorations of Caucasian glaciers, IX. 567
- Buschan**, G.: Bornholm, XIV. 576 †;

BUSCHING

- Der Stand unserer Kenntnis über die Basken, XVII. 564 †; Verbreitung Eintheilung und Ursprung der slavischen Völkerstämme, XIX. 523 †
- Busching, P.: Die Entwicklung der handels-politischen Beziehungen zwischen England und seinen Kolonien, XX. 565 †
- Buschtejew, A. von: Aufnahme der Bjeluschja- und Rogatschew-Bai, Novaya Zemlya (map), XII. 644 †
- Bush fires, Harmfulness of: H. A. Nicholls, XVII. 682 †
- Bush river, Rocky mts., XVII. 256, 267
- valley, XVII. 264
- Bushman of S. Africa, migrations of, VI. 468
- Busi basin, E. Africa, II. 508
- Busoga, Uganda, XIX. 20
- Bussa, chief, Borgu, VI. 209
- Bussa rapids, Niger, IX. 444
- Busson, H.: Le développement géographique de la colonisation agricole en Algérie, XI. 453 †; Le régime du Niger, V. 283 †; Les vallées de l'Aurès, XV. 296 †
- Bussorah; Trade Rep., I. 268 §; XVI. 367 †; XIX. 231 †
- Busumchwi lake, M. Fergusson's account of, XIX. 370; *see also* Obosomtwe
- Butembo country, C. Africa, V. 360
- Butler, Sir W.: Nile cataracts, XI. 198 †; Memoir of: E. Cruikshank, IX. 115 †
- Buttermere; depth, etc., IV. 238; origin, VII. 618; surveys, II. 548; VI. 68, 162
- Button, E.: Discovery of gold in Zoutpansberg district, II. 218
- , Sir T.: M. Christy, XII. 104 †
- Butyka, D.: Les Kourdes de l'ouest et leur pays, etc., I. 279 †
- Buvuma I., Victoria Nyanza, XIX. 18
- Buxton, E. N.: On either side of the Red Sea, VI. 487 †; Short stalks, I. 91 †; XII. 106 †
- , N.: Photographs of Albania, Servia, and Macedonia, XV. 308; of Bulgaria, XIX. 539
- , Sir T. F.: remarks on "Artesian water-supply of Australia," XIX. 571
- Buzzard, C. N.: Two months' trip into Mongolia, IX. 459 †
- Bygone Sussex: W. Axon, IX. 235 †
- Byron, Adm.: visit to Gilbert Is., VI. 330
- Bysmaliths: J. P. Iddings, XIII. 219 †
- Byström, A. H.: Karta öfver Vermlandö Län, XI. 108 †; Sverige i utländska Kartverk, VII. 561
- Bythell: Surveys in W. Swat, XII. 358

C.

- Caberga, A.: La Isla de Ponapé, II. 188 †
- Cables—Dislocation per mile per year, table, X. 281; fractures, cause of, XIV. 394; (J. Milne on), X. 259;

CABOT

- Cables—*continued.*
- Imperial communications, XIII. 100 †; Soundings in Pacific, Comm. Tanner on, I. 463
- All-British cable system: A. S. Hurd, XIII. 462 †
- Trans-Pacific cable, IX. 689 †; XX. 573, 658
- Cable laying on Amazon river: A. Siemens, X. 122 †, 542 §
- Cables sous-marins, etc.: J. Depelley, VIII. 536 †
- télégraphiques allemands: XVII. 683 †
- Carte générale des grandes communications télégraphiques du monde, XVIII. 654 †
- Communications télégraphiques sous-marines: A. Salaïgnac, XIII. 570 †
- Projets de cables: G. Demanche, XVI. 131 †
- Question des cables sous-marins: L. R., XVIII. 460 †
- Routes of submarine cables: C. W. Bellairs, XVII. 457 †
- Submarine and land telegraph systems of the world, XVIII. 241 †
- Cabo Gracias á Dios, town, C. America, XI. 660
- Caborne, W. F.: Antarctic Exploration, XIII. 327 †
- Cabot—
- Cabot and the transmission of English power in N. America: J. Winsor, IX. 467 †
- bibliography, with introductory essay on the careers of the Cabots: G. P. Winship, XVII. 98 †
- celebration at Bristol, X. 213; at Halifax, XIV. 235 †; in Canada, X. 213
- controversies: J. Winsor, IX. 467 †
- memorial tower at Bristol, XII. 377
- landfall and chart: Archbp. O'Brien, XVII. 455 †; Presidential address: Id., XI. 315 †
- Cabotian Discovery: J. B. Thacher, XIV. 235 †
- Cabots, The, Notes on certain papers...: H. Harris, XIV. 466 †
- Discovery of N. America by J. Cabot, etc.: H. Harris, X. 554 †
- Entdeckung Nordamerikas durch G. Caboto: S. Ruge, X. 554 †
- Centenary of J. Cabot's voyage, VII. 675; Fourth centenary of voyage of: Sir C. R. Markham, IX. 604 †; Quarto centenario della scoperta del continente Nord-Americano, X. 654 †
- J. Cabot and discovery of Newfoundland: Sir S. Baker, X. 460 †
- , An anniversary story, X. 234 †
- J. and S. Cabot: C. R. Beazley, XII. 330 †; C. F. Duro, II. 282 †

CABOT

Cabot—continued.

- S. Cabot : H. Harrisse, XI. 460 †; letter from G. P. Winship on, XIII. 204, 438; early maps of, IX. 607; S. Cabot . . . considéré comme cartographe : H. Harrisse, X. 554 †; El "Sebastian Gaboto" de H. Harrisse : S. A. L. Quevedo, XVI. 131 †
- Voyages of the Cabots : S. E. Dawson, V. 284 †; VII. 114 †; X. 456 †; XII. 213 †, 219 †; XIV. 235 †
- Zur Erinnerung an die Entdeckung Nord-Amerikas : W. Wolkenhauer, X. 655 †
- Cabrillo and Ferrel's early voyages on coast of N. America, III. 333
- Cabrinetty, D. M. : La Bahia de Concepción, etc., IX. 241 †
- Cabul : *see* Kabul
- Cacaaca, Mt., Bolivia, XIV. 18, 21
- Cacao—
- Cacao, Sa culture, sa preparation : P. Preuss, XX. 131 †, 364 †
- History and Cultivation of the cocoa-tree : "Historicus" (Cadbury), VII. 571 †
- Theobroma Cacao, XIX. 526 †
- Cadamosto, A. de : Voyages of, III. 400
- Cadastral surveys : Acceleration of, XV. 568
- Caddick, H. : A white woman in C. Africa, XV. 296 †
- Cadell, H. M. : Geology and scenery of Sutherland, VII. 561 †; VIII. 181 §; Geology of oil shalefields of the Lothians, XVIII. 228 †; on action of streams, V. 133; Scenery of Sutherland, VI. 484 †; Some ancient landmarks of Midlothian, II. 88 †; Some geological features of the coast of W. Australia, XII. 216 †; Visit to Mt. Tarawera, X. 123 †; Visit to New Zealand volcanic zone, XI. 571 †
- Cadenat : Exploration in French Congo, XIII. 535
- Cadière, R. P. : Géographie historique du Quang Binh, XX. 242 †
- Cadiz, Consular district of : Trade (Foreign Office Rep.), XIV. 577 †
- Caduvei tribe—I Caduvei : G. Boggiani, VIII. 193 †
- Cady, P. : Exploration of Wady Môjib from the Dead Sea, XVII. 675 †; XVIII. 85
- Cæsarea-Melitene road, VIII. 468
- Agayana Sulu and Sibutu Is., Cession of, to U.S.A., XVI. 683; Agayana Sulu, its customs, etc. : E. F. Skeretchly, X. 339 †, 537 §
- Cagli, Sul terremoto di : S. M. Baratta, VIII. 188 †
- Cagni, Comm. : award to, XVIII. 99; expedition to Franz Josef Land, XVIII. 282; Voyage of the *Polar Star*, Nearest the Pole, XVIII. 458 †
- Cahers of Co. Clare, their names, etc. : J. T. Westropp, XIX. 523 †

CALEMPUY

- Cahnheim, O. : exploration in Iceland, IV. 453; Zwei Sommerreisen in Island, IV. 185 †; *see* Grossmann, K.
- Cahun, L. : Introduction à l'Histoire de l'Asie, X. 548 †
- Cahy river, Brazil; German and Italian colonies in valley of, VI. 286
- Caicara, Venezuela, XIII. 45
- Caillaud, F. R. du : La rivière Vincent Pinzon, VIII. 192 †; Les tentatives des Français dans la Haute-Ethiopie, VIII. 530 †; on Friar Odoric's Island of Dondin, VII. 659
- Cailletet, L. : Appareil destiné à mesurer les hauteurs atteintes par les aérostats, XI. 106 †; Sur les appareils employés pour recueillir l'air à grande hauteur, IX. 686 †
- Caingua, Les, Voyage du Dr. Machon, IX. 242 †; Los Indios Caingua del Alto-Paraná : J. B. Ambrosetti, VI. 490 †
- Cairo—
- Cairo of to-day : E. A. Reynolds-Ball, XI. 314 †; XX. 669 †
- Museum of Khedivial Geographical Society of, XIII. 304
- Sketches of its history, monuments, and social life : S. Lane-Poole, I. 280 †
- Story of : S. Lane-Poole, XX. 245 †
- Caithness, How Summer came to : Sir H. Maxwell, VIII. 308 †
- Caix, R. de : La marche vers le Tonât, XVI. 251 †; La reconnaissance du Lieut. Cottenest chez les Hoggar, XX. 559 †
- Calabar : *see* Old Calabar
- Calabria—Hydrographie von Calabrien : T. Fischer, VIII. 412 †; Sulla forma di alcune Coste della : E. Cortese, X. 451 †; Terraces of, X. 633
- Calais and the Pale : Hon. H. A. Dillon, III. 435 †
- Calbuco volcano, Patagonia, XVI. 33
- Calchaqui tribe, Argentina, XVIII. 583
- Calcul rigoureux du point à la mer, etc. : J. Ripol, VII. 337 †
- Calculating Tables in English and Burmese : J. D. Clancey, IX. 582 †
- Calcutta—
- From Calcutta to Bombay, coasting : H. S. Brown, XX. 555 †
- Life of Calcutta as a seaport, etc. : Letter from Maj.-Gen. J. G. R. Forlong, XVI. 238
- Port of : Sir C. Stevens, XIV. 334 †
- Topography of Old Port William : C. R. William, III. 251 †
- Calderon, G. : Russian trade in China, XVII. 86 †
- Calderwood, W. L. : British sea-fisheries and fishing areas, etc., III. 344 †
- Caldwell, R. : Chi-Nyanja simplified, XII. 642 †
- Calempuy Is., Chinese Seas, Pinto's description of, I. 141

CALIFORNIA

California—

- Address of J. B. Reinstein at the . . . University of, XI. 686 †
 Alpine glaciers of Sierra Costa mts.: O. H. Hershey, XVI. 252 †
 Basse-Californie d'après M. L. Diguët, XVI. 371 †
 Big trees of: R. E. Dodge, XVIII. 457 †
 California: Hon. G. C. Perkins, IX. 241 †
 ————State Mining Bureau, Report: W. Trelan, III. 162 †
 Changes in flora and fauna of: H. H. Behr, VII. 679 †; VIII. 399 §
 Death Valley: O. C. T. Carter, XX. 670 †; Climate of, I. 271
 Denudation of vegetation, Observations on: M. Manson, XIV. 683 †
 Discovery of San Diego Bay: G. Davidson, I. 470 †
 Earthquakes: E. S. Holden, II. 380 †; C. D. Perrine, VIII. 532 †; XI. 317 †; XVI. 490 †; Erdbeben von Owens Valley in Californien: J. K. Rabe, XIII. 565 †
 Eruptive rocks of Bonita: J. L. Ransome, IV. 378 †
 Etat de Californie: P. Privat-Deschanel, XX. 670 †
 Exploration—
 Eisen, G.: En färd till Baja California och Sonora, X. 456 †; Explorations in Cape region of Baja California, VII. 679 †; VIII. 398 §; XI. 201 †; in Central part of Baja California: XVII. 556 †, 663 §
 Exploration north of Tuolumne river: N. F. McClure, V. 608 †; From Fresno to Mt. Whitney: H. Longley, VIII. 419 †; Mission scientifique dans la Basse Californie, Rapport: L. Diguët, XV. 84 †; My trip to King's River Cañon: J. Le Conte, X. 468 †; Search for a high mountain route from Yosemite to King's River Cañon: T. S. Solomons, VIII. 419 †; Through Death Valley: F. W. Koch, II. 280 †; Through Tuolumne Cañon: R. M. Price, VIII. 419 †; Trip about headwaters . . . of King's river: B. C. Brown, VIII. 419 †
 Forest Reservations: W. Dudley, VIII. 192 †
 Genesis of California's first constitution: R. D. Hunt, VI. 393 †
 Geographic relations of Trias of: J. P. Smith, XIII. 681 †
 Geology of portion of Southern Coast Ranges: H. W. Fairbanks, XIII. 216 †; of San Francisco Peninsula: Id., IX. 464 †; Geology and history of Lower Cal.: G. P. Merrill, XII. 213 †; XIII. 94 †
 Gold-quartz veins of Nevada City and

CALLAHAN

California—continued.

- Grass Valley: W. Lindgren, XI. 317 †
 Gully formation at Salinas landing, XIV. 412
 High Sierra in, glaciers, XII. 556
 International Competition for Phœbe Hearst architectural plan for University of California, XVI. 133 †
 Inyo Range, Post-Pleistocene Elevation of: C. D. Walcott, X. 456 †
 King's River Cañon Trail Notes: V. L. Kellogg, XVII. 556 †
 Lava Flows of W. Slope of Sierra Nevada: F. L. Ransome, XIII. 565 †; Lava region of northern: M. S. Baker, XIV. 683 †
 Maps—California and Nevada: Whitaker and Ray Co., VI. 591 †; Physical sketch map, I. 574 †; Sierra Nevada, compiled for Sierra Club, II. 191 †; VIII. 199 †
 Mt. Goddard and vicinity: T. S. Solomons, VII. 444 †
 Mountains of: J. Muir, X. 341 †
 Physical and industrial geography of: E. W. Hilgard, I. 536 *, 568 †
 Pine Ridge Trail, Notes on: W. Gregory, VIII. 419 †
 Region Aurifera de la Alta California: H. S. Jacobs, XIII. 565 †
 Road conditions and legislation in: M. Manson, XX. 358 †
 Salt deposit, Remarkable: C. F. Holder, XIX. 529 †
 Sea fogs of San Francisco, XVII. 556 †
 Sierra Madre, Photographs: Stiffer and Gill, IX. 120
 S. Coast: Post-pliocene diastrophism of: A. C. Lawson, IV. 378 †
 Southern Cal.: J. F. Chamberlain, XIV. 461 †; Climatic conditions in: Id., XX. 670 †; Some impressions of: B. Harraden, IX. 464 †
 Souvenir of: J. M. Hutchings, V. 90 †
 State series of school text-books, Advanced geography, IV. 473 †
 Submarine valleys off coast, Prof. Hilgard on, XX. 104; W. S. T. Smith, XX. 468 †; G. Davidson, X. 456 †, 552 §
 Tahoe lake in winter: J. Muir, XVII. 556 †
 Topography of California: N. F. Drake, XI. 97 †
 Trade and Agriculture, 1897 . . . XII. 543 †
 University of, College of commerce at, XII. 422
 Calisti, Lieut.: Région Kati-Bamako (map), XIX. 246 †
 Call, M. E.: La cartographie de Mammoth Cave, XI. 94 †
 Callahan, J. M.: Neutrality of American lakes and Anglo-American relations, XII. 422 †

CALLAN

Callan, H.: From the Clyde to the Jordan, V. 401 †; Lands and peoples of the Balkans, XII. 91 †

Callao, Climatologia del puerto del: F. Remy, XV. 85 †

Callaway, C.: Zigzag Course of the Cheddar Gorge, XIX. 501 §, 767 †

Callendar, H. L.: Measuring extreme temperatures, XVII. 563 †; Preliminary results of observations of soil temperatures, etc., IX. 467 †

— and C. H. McLeod: Observations of soil temperatures, XI. 573 †; XII. 217 †

Callwell, C. E.: Glimpse of the late war, X. 453 †

Calvert, A. F.: Discovery of Australasia, II. 566 †; expedition in W. Australia, VIII. 641; (funeral of lost members), X. 444; Exploration of Australia, VI. 490 † (1844 to 1896); IX. 109 †; Map of W. Australia, IV. 479 †; Do., showing goldfields, VII. 573 †; Mineral resources of Australia, II. 566 †; Recent explorations in Australia, III. 74 †; W. Australia and its goldfields, I. 378 †; Do., its history and progress, VII. 566 †

—, E.: Gaping Ghyll Hole, XVI. 246 †

Calvet, J.: La Montagne noire, XX. 464 †

Calvo, J. B.: Republic of Costa Rica, VII. 681 †

Cam, Diego: *see* Cão

Camacho, J. T.: La cuestión internacional del Acre, XVIII. 335 †

Camade or Camadin, Persia, X. 449; Marco Polo's Camadi: A. Houtum-Schindler, XI. 452 †

Camaldoli, Italy, X. 416, 427, 477, 489, 499

Camargue, La: M. R. Chodat, XVII. 671 †

Camariues Norte, Luzon, Besuch im Gold-distrikt von: R. Herrman, XI. 313 †

Cambarysú or telegraph of the Cataguinárú, XII. 65; E. H. Giglioli on, XVII. 453 †

Cambefort, J.: L'Alaska et les mines d'or du Klondyke, XI. 316 †

Cambier, P.: Les troubles de Luluabourg, VIII. 531 †

Cambodia—
Cambodge, Le: E. Aymonier, XIX. 395 †

— et ses monuments: E. Aymonier, X. 549 †

Culture du riz au Cambodge: A. Leclère, XV. 295 †, 549 †

La Divination chez les Cambodgiens: A. Leclère, XIII. 89 †

Travel in, II. 206

Cambon, Voyage de, dans le Sud-Algérien, VIII. 417 †

Cambrésis, Le: M. A. Malotet, XVI. 570 †

Cambrian lake, Labrador, V. 520

Cambrian rocks of Pennsylvania: C. D. Walcott, VIII. 653 †

CAMPBELL

Cambridge—Expedition to Torres Strait and Borneo, XI. 437; XIV. 302; Geography at, III. 140; XII. 8; (J. Y. Buchanan's report), II. 27; (H. Yule Oldham's reports), IV. 30; VI. 27; VIII. 62; IX. 654; XIV. 88; (Long vacation course), XX. 548; Honours conferred on F. Nansen, IX. 452

Cambridgeshire, Handbook of geology: F. R. C. Reed, XII. 203 †, 519 §

Camel—Fossiles Kamel aus Südrussland: A. Nehring, XIX. 238 †; Means of transport in E. Africa, V. 382; of Afghanistan, IX. 404; of Palæarctic region, X. 88; Wild, of C. Asia, III. 472

Cameron, Capt. V. L.; obituary: E. G. Ravenstein, III. 429; remarks on "Present standpoint of geography," II. 505; on "Stairs expedition to Katangaland," II. 245; on "Unexplored region of Br. C. Africa," I. 119

—, W. E.: Geological observations in N.W. Queensland, XX. 562 †

Cameron gulf, Lake Tanganyika, X. 298

Cameroons: *see* Kamerun

Cammermeyers Kart over det Sydlige Norge, VIII. 651

Camoenus, L., XII. 15

Campa Indians of Peru, Among the: D. R. Urquhart, II. 281 †

Campana—Cratere di Campana, X. 423, 433, 480; Volcans du Latium et la Campanie Romaine: P. Glangeaud, XVIII. 632 †; Conduktivität termica nella roccia della Campagna Romagna: F. Morano, XII. 639 †

Campbell, D.; journey from Garenganzo to Blantyre, XII. 613

—, D. G.: Annual report on state of Negri Sembilan, XIX. 105 †

—, F.: Imperial Federation series of Colonial State Paper catalogues; Cape of Good Hope, I. 566 †; Literature of geography, VIII. 533 †

—, J.: Decipherment of Hieroglyphic inscriptions of C. America, XVI. 585 †; Mexican Colonies from Canary Is. traced by language, XIX. 529 †; Origin of Haidahs of Queen Charlotte Is., XIV. 119 †; Recently discovered relics of American Mound-builders, XV. 667 †; Spanish documents relative to the Canaries, XVIII. 639 †

—, J. G. D.: Siam in the twentieth century, XX. 124 †

—, J. T.: Evidence of a local subsidence in the interior (Indiana), XVIII. 642 †

—, M. R.: Drainage modifications and their interpretation, IX. 112 †

—, Robert: discovery of Yukon river, X. 631; Sketch of life and discoveries of: G. Bryce, XIII. 570 †

—, Roderick: The Father of St. Kilda, XVIII. 333 †

K

CAMPBELL

Campbell, W.: Articles of Christian instruction in Favorlang-Formosan, etc., XI. 451 †; XX. 353 †; Formosa under the Japanese, XX. 466 †; Past and future of Formosa, VIII. 650 †; Recent progress in Formosa, XX. 538

—, W. D.: Aboriginal carvings of Port Jackson and Broken Bay, XIV. 463 †; Topographical map of Menzies, N. Coolgardie gold-field, XV. 450 †

— and S. J. Becher: Topographical map of Kalgoorlie, XIX. 665 †

Camperio, Manfredo (biography): A. Blessich, XV. 446 †; E. Stettner, XVI. 132 †; G. Schweinfurth, XVI. 590 †

Campi Phlegreæi: *see* Phlegreæan Fields

Campiglione, crater wall of, X. 421, 423

Campine, Excursion en: A. Haron, I. 277 †

Campion, H.: The Secret of the Poles, XII. 547 †

Campos river, Fr. Congo, XVIII. 535

Campos, R. T.: *La Geografia en 1895*, X. 556 †; *Memoria sobre el VI. Congresso Internacional*, etc., VIII. 537 †

Camwood tree of Sierra Leone, IV. 139

Canada—

Agriculture, Appendix to report of Minister of, XI. 200 †

Archæological Report: D. Boyle, VIII. 418 †

Barren Lands of: *see* Barren Grounds
Beaver, s.s., History of: C. W. McCain, XI. 315 †

Birds, Catalogue of: J. Macoun, XVI. 370 †; XIX. 529 †

Britain's one Utopia: F. L. Hunt, XX. 468 †

Cabot celebrations in, X. 213

Canada: J. G. Bourinot (Story of the Nations), IX. 578 †

—: Earl of Derby, VII. 114 †

— and its gold resources: Sir J. Grant, VIII. 484

— and Ocean Highways: S. Fleming, VIII. 418 †

— and the Empire: Lord Strathcona, XVIII. 332 †

— during the Victorian Era: J. G. Bourinot, XIV. 119 †

— under British rule: Sir J. G. Bourinot, XVII. 555 †

Canada's loss by the Treaty of Independence: T. Hodgins, XI. 315 †

— Northern fringe: G. Johnson, XVII. 555 †

— proposed new front door: R. J. Gilbert, IX. 682 †

Canadian Dominion and proposed Australian Commonwealth: J. G. Bourinot, IX. 347 †

— life and scenery, etc.: Marquis of Lorne, II. 382 †

— Naturalist, Summary of original articles in, IX. 346 †

Canadische Winter, Der: R. Bach, XIII. 564 †

CANADA

Canada—continued.

Canals of: T. C. Keeper, V. 183 †

Central experimental farm, Guide to XI. 316 †

Climate of: R. F. Stupart, XI. 454 †

Combined circulars on, XI. 324 †

Crofters and cottars from Scotland, Colonization of, Report, XII. 634 †

Department of the Interior, Annual Report, XII. 212 †; XIV. 228 †; XVI. 563 §, 582 †; XVIII. 312 †, 332 †; XX. 340 §, 357 †

Diary of N. Garry, Deputy-Governor of Hudson's Bay Co., 1822–1835, XVIII. 333 †, 444 §

Early Red River culture: G. Bryce, XVIII. 332 †

— trading companies of New France: H. P. Biggar, XIX. 235 †, 745 §

Earthquakes, Our record of: C. H. McLeod and H. L. Callendar, XI. 454 †

Eboulement à Saint Luc-de-Vincennes: J. Laflamme, XIX. 528 †

Economic development of: Sir C. Tupper, V. 182 †

Entdeckungsgeschichte Canadas und seiner Grenzgebiete: W. Nederkorn, XIV. 338 †; XV. 84 †

Farms, Experimental, XI. 200 †; Guide to, XI. 316 †

Fauna of Canadian sub-region, IX. 70, 71

Forests of Canada: J. Macoun, VII. 114 †

Forest trees in: R. Bell, X. 340 †

Forgotten Northern fortress: J. Schultz, IV. 378 †

French Canada and the Empire: J. G. Snead Cox, XVII. 450 †

Geographic Board of, Annual reports, XIV. 668 §; XVIII. 333 †; XX. 358 †

Geographical work in, III. 206 *; IX. 601; X. 316

Great Dominion, The; Studies of Canada: G. R. Parkin, V. 608 †

Handbook for Travellers: K. Baedeker, IV. 377 †; XV. 298 †; British Ass., X. 650 †

Historical Geography of British Colonies; vol. v., Canada: C. P. Lucas, XVIII. 332 †

— Publications relating to: G. M. Wrong and H. H. Langton, † XIII. 564; XVI. 252; XVIII. 333; XX. 468

Il Canada sotto l'aspetto economico e politico: G. Solimbergo, XVII. 678 †

Irrigation and Canadian irrigation surveys, General reports, † VIII. 191; IX. 240; XI. 316

Lake Basins in Alberta and Br.

CANADA

Canada—*continued*.

- Columbia: J. Parkinson, XVIII. 111 †
 Longitude Determination, work of the Montreal: C. H. McLeod, V. 183 †
 Manitoba and N.W. Territories, Resources, etc., XI. 455 †
 Markham, Adm., and Canadian Government, VIII. 179
 New British route to Pacific: J. Harris, VII. 564 †
 N. Canada: H. O'Sullivan, X. 552 †
 N.W. Canada: J. Nelson, I. 568 †; Do.: J. McDougall, XVIII. 332 †; Routes and mineral resources of: E. J. Dyer, XI. 455 †
 Parallèle entre la Colonisation moderne et la Colonisation sous l'ancien régime: G. K. Anton, XI. 685 †
 Phenological Observations, 1899: A. H. Mackay, XVIII. 332 †
 Photographs of N.W. Territories: D. T. Hanbury, XVI. 139
 Plains—Zur Kennzeichnung der Kanadischen Ebenen: J. A. Brandes und C. Steffens, VIII. 418 †
 Progress, etc. of scientific investigation in: G. M. Dawson, V. 90 †; Progress during the sixty years of Her Majesty's reign: J. G. Colmer, IX. 463 †
 Resources of: S. D. A. Smith, IX. 578 †; Some of the: Pr. Kropotkin, XI. 570 †
 Saint-Justin, L'Habitant de: L. Gérin, XV. 553 †
 Salmon-fishing in: J. C. Dalton, XI. 685 †
 Stanford's Compendium; Canada and Newfoundland: S. E. Dawson, XI. 96 †, 182 §
 Statistical year-book for 1894, VII. 353 †
 Story of Canada: H. A. Kennedy, XI. 315 †
 Surveys and Museums: B. E. Walker, XVI. 489 †
 Terrains aurifères dans le Canada et l'Alaska: P. Serre, XII. 634 †
 Tides and currents in Canadian waters; Survey reports: W. B. Dawson, † V. 608; VI. 392; VII. 679; VIII. 418; X. 553; XII. 213; XIV. 461; XVI. 582; XVII. 678; XX. 127; Do., VIII. 72 §; Tide-gauges, Self-registering, etc.: W. B. Dawson, VIII. 191 †; Tide tables for Charlottetown, Pictou, and St. Paul Is., XVIII. 332 †; Do. for Halifax, etc., XIII. 456 †; XVIII. 332 †
 W. Canada, Before and since confederation: Sir D. A. Smith, X. 121 †; W. Canada, Manitoba, etc.; How to get there, XI. 315 †

CANADA

Canada—*continued*.

- Workers of Old Red River: G. Bryce, IX. 107 †
 Boundaries—Alaskan, XIV. 523; (Exchange of Notes), XV. 185 †; Alaska-Canada boundary dispute: T. Hodgins, XX. 559 †; North-Western Boundary: R. U. Goode, XVII. 678 †; survey, V. 81; with U.S., I. 271
 Cartography and Surveying (*see also under special subjects*)—
 Dominion of Canada (map): Dep. of Interior, XVII. 569 †
 —and Newfoundland (map): Surveyor-General's Office, XX. 568 †
 Johnston's map of Dominion, XII. 550 †
 N.W.; General map: Surveyor-General, XIV. 469 †
 Railways (map), X. 462 †
 Relief Map, Canada and U.S.: Geological Survey, XVI. 137 †
 Sectional Maps: Topographical Surveys branch, † XI. 109; XIV. 349, 695; XVI. 379; XX. 134, 369, 568, 679
 Stanford's general map, XII. 109 †
 Survey—Geographical: J. White, XIX. 658 †; Need of a coast survey for: A. Johnston, V. 182 †; Trigonometrical survey: C. H. McLeod, XVII. 451 †
 Yukon and Mackenzie district, XV. 450 †
 Ethnography and population—
 Birch-bark canoes, X. 3
 Br. N. American Indians, legal status of, XVIII. 333 †
 Census, Fourth, XX. 670 †
 Esquimaux du Labrador et de la baie d'Hudson: E. Pittard, XVIII. 641 †
 Ethnographical Survey, † XII. 212; XIII. 323; XIV. 228; XVI. 202
 French Canadians, VI. 451
 Hochelagans and Mohawks: W. D. Lighthall, XVII. 324 †
 Hurons of Lorette: L. Gérin, XVII. 555 †
 Icelandic settlements, Early: S. Jonasson, XVIII. 333 †
 Indianern, Unter den: H. Lemecke, VIII. 312 †
 Jésuites au Canada: A. Gosselin, IX. 341 †
 North-Western tribes, IX. 682 †; XIV. 339 †
 Prétendue origine des Canadiens français: B. Sulte, VI. 451 †
 Shuswaps of Br. Columbia: G. M. Dawson, I. 86 †
 Exploration and Travel—
 A travers le Canada: M. Leprince-Ringuet, XVII. 556 †

CANADA

Canada—continued.

- Across the Sub-Arctics of, etc.: J. W. Tyrrell, XII. 634 †
- Athabasca and Slave Lake regions in 1899, Notes of travels: W. J. McLean, XVIII. 332 †
- Athabasca lake and Churchill river, Report on country between: J. B. Tyrrell and D. B. Dowling, X. 121 †
- Au nord-ouest canadien: Legal, XV. 440 †
- Barren Lands, J. B. Tyrrell's expeditions: *see* Barren Grounds
- Canadische Expedition zur Hudsonbai: R. Bach, XII. 212 †
- Carlton-House au Fort Pitt: E. Petitot, XIV. 119 †
- Chesterfield Inlet to Great Slave lake: D. T. Hanbury, XVI. 63 *, 479, 489 †
- Churchill to York on Snow-Shoes, From: Right Rev. Bishop Newnham, XVIII. 332 †
- Country Walk in: A. Haultain, III. 348 †
- Denonville, Expedition du Marquis de: M. le juge Girouard, XVII. 451 †
- Divide between Great Slave Lake and Hudson Bay—Map: J. W. Tyrrell, XX. 679 †
- Du lac de Pisle à la Crosse au Fort Carlton: E. Petitot, X. 341 †
- Early explorations and colonization of W. Canada: Sir J. Hector, XIX. 658 †
- traders and trade routes: E. Cruikshank, VIII. 311 †
- Eldorados du Nord-Ouest Canadien, Excursion au Mackenzie et au Klondyke: M. Girouard, XVIII. 457 †
- Expedition to Hudson's Bay, XI. 435
- Exploration in country between Lake St. John and James Bay: H. O'Sullivan, XIX. 91 †, 234 †
- Explorations in: J. B. Tyrrell and A. P. Low, I. 549; and G. M. Dawson, X. 229 †
- of series of lakes N. of Fort Good Hope in 1878: E. Petitot, II. 380 †
- through interior of Labrador, 1893-94: A. P. Low, V. 513
- In a desolate land: Archdeacon Loft-house, XVIII. 111 †
- Mackenzie delta; E. de Sainville's journeys, XIII. 435
- Memoranda: Canada from Atlantic to Pacific and Arctic: G. F. Baillairgé, XX. 358 †
- New N.W. Passage: J. G. Colmer, VIII. 653 †
- N. Canada, Expeditions to: D. Han-

CANADA

Canada—continued.

- bury, XX. 655; F. Russell, V. 486; J. W. Tyrrell, XX. 340
- N.W. Canada, Early exploration in: A. Begg, XIV. 461 †
- Observations made on a tour in: A. Penck, XV. 84 †
- On a new trail, or Over the Rockies and the Selkirks of Canada: L. J. Steele, XX. 670 †
- O'Sullivan, H.; explorations, VII. 315 §
- Reisebeobachtungen aus: A. Penck, XIII. 456 †
- S. Canada, R. Bell's discovery of a large river in, VI. 572
- St. Paul Trail in the sixties: W. G. Fonseca, XVII. 451 †
- Thousand miles on snow-shoes: J. Lofthouse, IX. 107 †
- 3800 miles across Canada: J. W. C. Haldane, XV. 298 †
- Through the Subarctic forest: W. Pike, VIII. 653 †
- To Winnipeg, Manitoba, and back: S. Marriott, IX. 107 †
- Unknown areas of, II. 496
- Up Mackenzie river to the Polar Sea: E. Taylor, XIV. 119 †
- Voyage du P. le Jeune au Canada en 1660, etc.: Abbé Gosselin, XII. 212 †
- Voyages au Canada du Baron de La Hontan: F. de Nion, XVI. 489 †
- Within the Arctic Circle: J. O. Stringer, XII. 634 †
- Geology and Physiography—
- Are the boulder-clays of the great plains marine?: G. M. Dawson, X. 121 †
- Coal measures, XIX. 219
- Geological map (Canada): G. M. Dawson, XIV. 126 †; (Lake of the Woods), X. 235
- nomenclature: R. W. Ells, XVII. 450 †
- Survey—Catalogue of Canadian rocks: F. W. Ferrier, III. 73 †; General index: D. B. Dowling, XVII. 555 †; Geographical work, V. 268 †; VII. 412 †; IX. 276 †; Topographical work, X. 623 †; XI. 315 †, 454 †; New Director, XVII. 431; Publications, VII. 333 †
- Reports, Annual, † IX. 240; X. 121, 650; XIII. 564; XV. 667; XIX. 234; Do., Summary, † VI. 392; IX. 578; XII. 435; XIII. 564; XIV. 119; XVI. 489; XX. 358; Section Reports—Chemistry and Mineralogy: G. C. Hoffman, VIII. 191 †; Mineral statistics, etc.: E. D. Ingall, † X. 230; XI. 454; XIV. 229; XVII. 451

CANADA

Canada—continued.

Geological Survey Reports, Special †
—Doohaunt, Kazan, and Ferguson
rivers: J. B. Tyrrell, XI. 454;
Finlay and Omenica rivers: R. G.
McConnell, VIII. 311; Kamloops
map-sheet: G. M. Dawson, VII. 679;
Klondyke goldfields: R. G. McCon-
nell, XVI. 370; Labrador peninsula:
A. P. Low, X. 121; Laurentian area,
etc.: F. D. Adams, IX. 682; New
Brunswick, E., etc.: R. Chalmers,
VIII. 190; Nipissing and Temis-
caming map-sheet: A. E. Barlow,
XV. 440; Red Lake, etc.: D. B.
Dowling, VIII. 191; Quebec, IX.
107; Yellow-head pass route: J.
McEvoy, XVII. 324

Geologists in Canada, XI. 96 †

Geology, Synopsis of: H. M. Ami,
XIX. 529 †

Glaciation of N. Centr. Canada: J. B.
Tyrrell, XI. 685 †

Iroquois Beach, The: A. P. Coleman,
XVI. 582 †

Lake with subterranean inflow, A. T.
Drummond on, XV. 180

Physical geography and geology of:
G. M. Dawson, XI. 200 †

Pre-glacial decay of rocks in: R.
Chalmers, XI. 685 †

Physiography of Acadia: R. A. Daly,
XVIII. 535 §, 552 †

Snow-waves and snow-drifts in: V.
Cornish, XX. 137 *

Mining and Minerals (*see also* Geology
above)—

Gold Mining in Ontario, XI. 96 †

Minerals of Canada, catalogue, Paris
Exhibition, XVI. 582 †; Economic
minerals, Paris Exhibition: G. M.
Dawson, XVI. 489 †

Railways—

Canadian Pacific Railway and British
Ass., X. 476; Do. and Connections,
showing routes to the Yukon Gold
Fields (map), XI. 692 †

Hudson's Bay and Pacific Railway
route, Chartered: J. Harris, IX.
682 †; Do., Proposed: J. Nelson,
III. 73 †

Trans-Continental Railway, Second:
A. Begg, XX. 559 †

Cañadas, The, Tenerife, IV. 274

Canal, J.: Géographie générale du Maroc,
XX. 356 †

Canals—

American inter-oceanic: *see* America,
Central

Baltic to Black Sea waterway, XVI.
554

Canal and river navigations of England
and Wales: L. B. Wells, V. 85 †

— traffic in France, V. 166 §

Canal des Deux-Mers, Le: Kerviler,
IX. 457 †

CANTERNO

Canals—continued.

Canals and navigable rivers of England:

L. E. Wells, X. 227 †

—, etc., of Germany, V. 378

— of Canada: T. C. Keeper, V. 183 †

Report . . . on inland navigation, etc.
(Inst. Mining Engineers), IX. 235 †

Ship canals in Austria, XVIII. 289 *

Canary islands—

Anverso aux Canaries, Les: F. Donnet,
VII. 112 †

Besuch von Gran Canaria: A. Krämer,
XVII. 448 †

Der Insel Teneriffe und ihre Bewohner:
H. Meyer, VII. 113 †

Dust haze at Teneriffe: R. H. Scott,
XVII. 676 †

El Mapa de la región de Anaga: D. M.
de Ossuna y Vanden-Heede, XI. 453 †

Guanches or extinct people of: Sir J. W.
Dawson, XI. 197 †

Harbour of La Laz in Grand Canary,
IV. 189 †

Kunde des Altertums von den Canar-
ischen Inseln: C. Müller, XIX. 106 †

Madeira and: A. S. Brown, XIX. 107 †

Maps of: D. M. Pérez y Rodriguez,
XIII. 333 †

Spanish documents relative to: J.
Campbell, XVIII. 639 †

Sur le faune . . . des îles Canaries: J.
Richard, XI. 453 †; Trade (Foreign
Office Rep.), XIV. 458 †; XVI. 488 †

Cancellia, J. P. M.: Impressões de uma
viagem ás Ilhas de S. Thomé e Principe,
XX. 559 †

Candelier, H.: Rio-Hacha et les Indiens
Goajires, II. 380 †

Candeo, G.: Un viaggio nella penisola
Somali, V. 283 †; *see* Vesme

Candler, S. H.: letter on Hannibal's Vinc-
gar, II. 177

Candolle, A. de (biography): W. Wolken-
hauer, II. 567 †

Cannan, E.: Demographic statistics of the
U.K., XII. 203 †

Canney, H. E. L.: Winter climate of
Egypt, X. 551 †

Cannibalism—Entstehung und Verbrei-
tung der Anthropagie: H. Henkenius,
I. 571 †; II. 70

Cannindah, Mt., Queensland Copper and
gold deposits: W. H. Rands, XI. 204 †

Canoes—Pointed bark canoes of Kutemai
and Amur: O. T. Mason, XVIII. 342 †

Cannosa: Archduke Ludwig Salvator of
Austria, XI. 679 †

Canstatt, O.: Das republikanische Bra-
silien, XIII. 682 †; Die gewerblichen
Erzeugnisse des Togogebiets, XVII.
449 †; Kreta, IX. 677 †

Cantabrian mts.—Die Picos de Europa:
A. Penck, X. 226 †

Canterbury and Westland, Meteorology: J.
T. Meeson, VII. 116 †

Canterno, Lago di: G. de Agostini, XII. 537 †

CANTINEAU

- Cantineau, E.: Origine des relations commerciales entre la Flandre et le Portugal, XIX. 522 †; Société de Géographie de Lille, Liste des Conférenciers, XVI. 591 †
- Canton, ancient Kent, I. 516
- Canto, E. do: Quem deu o Nome ao Labrador? III. 533 †
- Canton—
- Canton à Long-Tchéou, De: M. François, XV. 435 †
- to Mandalay, From: W. Johnstone, XI. 310 †
- Letters from Portuguese captives in: D. Ferguson, XIX. 768 †
- Trade (Foreign Office Rep.), XII. 540 †; XIV. 678 †; XVII. 86 †; trade routes from, XIX. 712
- Voyage de l'Ambassade hollandaise de 1656 à travers la Province de Canton: C. Huart, XIV. 456 †
- Cantwell, J. C.: Ice-cliffs on Kowak river, IX. 241 †
- Canynge, W.; early trading voyages of, IX. 605
- Cão, Diogo—Padraos erected at mouth of Congo by, I. 68; Diego Cam et Martin Behaim: J. Mees, XX. 675 †; Diogo Cão: L. Cordeiro, I. 91 †; O ultimo padrao de: L. Cordeiro, IX. 114 †; Voyages of, and Bartholomeu Dias: E. G. Ravenstein, XVI. 625*; XVII. 455 †; (Appendix on maps illustrating), XVI. 649; (List of place-names), XVI. 651
- Capalowicz, Capt. H.: Explorations in Patagonia, III. 144
- Cape: *see* under specific names
- Cape Breton I.—Topographical surveys in, X. 626; Fosse de Cap Breton, XIV. 406; History of: J. G. Bourinot, I. 85 †; L'ancien port de Capbreton: J. Gabarra, X. 646 †
- Cape Colony—**
- African wastes reclaimed: R. Young, XIX. 771 †
- Agricultural and livestock returns, XI. 313 †
- Alpine types in vegetation of higher peaks of S.W. region of: R. Marloth, XIX. 107 †, 637 §
- Boring for water in: W. B. Ritso, XX. 557 †
- Cape national forests: D. E. Hutchins, XVI. 367 †
- Coalfields of: P. Johns, X. 551 †
- Farming industries of: R. Wallace, VIII. 310 †, 481 §
- Frere, Sir Bartle; work in, V. 464
- Geological Commission, Annual reports, XIV. 117 †; XIX. 655 †; XX. 630 §
- Imperial Federation series of Colonial State-paper catalogues: ed. F. Campbell, I. 566 †
- Map of, and part of Bechuanaland; Wood and Ortlepp, XVII. 330 †

CAPPELLE

Cape Colony—continued.

- Place-names at the Cape in the eighteenth century, M. Déhéraïn on, XIX. 217
- Position of, in S. African affairs: M. Seton, XII. 433 †
- Railway, Survey for, over Outeniqua Mts.: C. E. Stewart, XIII. 679 †
- Soils of S.W. districts, Chemical composition of: C. F. Juritz, XVII. 211 †
- Statistical register, † II. 186; VIII. 417; XIII. 91; XV. 81; XVII. 90; XIX. 526
- Temperature and salinity of sea around the Cape peninsula: J. D. F. Gilchrist, XX. 355 †
- Cape subregion of geography of mammals, VII. 291
- Cape Verd Is.—
- A ilha de S. Vincente de Cabo Verde: J. da Costa, VIII. 417 †
- Discovery, III. 401
- Dalle Isole del Capo Verde: L. Fea, XII. 433 †; XIII. 560 †; XIV. 117 †, 582 †
- Description of: W. R. Kettle, IV. 577 †
- Map: Arquipelago de Cabo Verde (Comissão de Cartographia), XIX. 787 †
- Cape York Penins., Queensland—Ant-hills of: R. L. Jack, X. 231 †; Western watershed: J. T. Embley, XI. 204 †
- Capélans, La Grotte des: J. Barbot, VIII. 411 †
- Capelo, J.: La Via Central del Perú, VIII. 420 †
- Capenny, S.: Khedivic possessions in basin of Upper Ubangi, XIV. 336 †; Indo-European highway, An, XVI., 575 †; Railway schemes in relation to Br. C. Africa, XVIII. 550 †
- Caperao, Brazil—Terras auríferas do Caperao: J. J. G. da Silva Netto, IX. 464 †
- Caperon, M.: Sainte-Pierre et Miquelon, XVI. 701 †
- Capim, Rio, Brazil: E. A. Goeldi's journey up, XI. 435
- Capistran, J.: Chronicle of, in Chigi library at Rome: A. C. Bildt, I. 283 †
- Capitaine, Les: L. Drapeyron, VII. 684 †
- Capus, G.: Observations et notes météorologique sur l'Asie centrale, I. 182 †, 268 §; Une ascension d'hiver au Mont-Blanc, XI. 88 †
- Capus, Père: Journey in Uha and Urundi, XII. 413; Reiseroute der Missionäre Peres van den Biesen, Capus und van der Burgh, XII. 223 †; (and Wulffen): recent surveys in Unyamwezi, XI. 298
- Cappadoeia—En Cappadoce: A. Boissier, XI. 194 †; Kizilbash of, J. W. Crowfoot on, XVIII. 326 †, 440 §
- Cappelle, H. van: Bijdrage tot de kennis Frieslands bodem, XI. 88 †; Bijdrage tot de kennis van het Gemengde Diluvium, VII. 683 †; Mededeelingen omtrent de Geologie van Nederland, XIII. 556 †;

CARABAYA

- Nieuwe waarnemingen op het Nederlandsche diluviaal gebied, XVII. 444 †
 Carabaya, Peru, Observations hechas en un viaje á: J. Balta, XI. 100 †
 Caraccas and district, Trade (Foreign Office Rep.), XVI. 702 †
 Caracciolo, H.: How was America peopled? III. 73 †
 Caratal district, Venezuela: T. F. G. Burke, XVIII. 654 †
 Caravia, E. R.: La Florida, III. 533 †
 Carbajal, M.: Navigabilité de l'Amazone, 341 †
 Carbon dioxide of the Ocean: C. F. Tolman, XV. 199 †
 Carcassonne: P. Gruyer, XI. 191 †
 Carden: Trade of Cuba (Foreign Office Rep.), XIX. 110 †
 Cardioid Earth, The: W. L. Jordan, VII. 224 †
 Cardon, F.: Pubblicazioni Geografiche stampate in Italia, I. 283 †
 Car-dyke, Roman navigable trench, X. 515
 Carey, E. S.: Report on Burmese frontier district, X. 325 §
 —, F. W.: Journeys in Chinese Shan States, XV. 486*; Photographs of Shan States, XV. 680; Trip to Chinese Shan States, XIV. 378*
 —, B. S., and H. N. Tuck: Chin Hills, History of the people, etc., VIII. 650 †; X. 211 §
 Caria: see Karia
 Carib Indians of Costa Rica, X. 80; of Haiti, III. 51
 — language as now spoken in Dominica: J. N. Rat, XI. 203 †
 Caribou deer of the Barren Lands, IV. 442
 Carinthia—Gebirgsformen im Südwestlichen Kärnten: F. Frech, I. 277 †
 Charles, W. R.: Grand Canal of China, XVI. 247 †; on Kinsha river of W. China, XIX. 518; XX. 112; remarks on "From Shanghai to Bhamo," XIX. 275; Yangtse Chiang, XII. 225*
 Carlheim-Gyllensköld, V.: Déterminations des éléments magnétiques, VII. 328 †; Die Aufgabe der modernen Geodäsie, XVI. 129 †; Sur la forme analytique de l'attraction magnétique de la Terre, XII. 218 †; Travaux de l'expédition suédoise au Spitzberg, XVI. 256 †; XVIII. 238 †; XIX. 532 †; Uppmätning af en meridian Grädbåge på Spetsbergen genom en svensk-rysk-expedition, XVII. 326 †, 433 §
 Carli, M.: Il Ce-kiang, XIV. 655 §; La baia di San-men, XIV. 114 †
 Carlsen, E.: Map of C. Nome and adjacent mining district, XVIII. 653 †
 —, F.: Benin in Guinea und seine rätselhaften Bronzen, XI. 197 †; Ein Bericht aus Pitcairn I., XIII. 458 †

CAROLINE ISLANDS

- Carlson, E.: Columbus och Toscanelli, etc., VII. 568 †
 Carnarthenshire: Note on submerged and glaciated rock-valley in: T. Codrington, XIX. 767 †
 Carmen, Beni river, VII. 188
 Carmichael, M.: In Tuseamy, XVII. 545 †
 Carmody, P.: Cane-farming in Trinidad, XVII. 559 †
 Carnap, Lieut. von: expedition in Niger basin, VI. 184; journey from Kamerun to Congo, XI. 551; XII. 191
 Carné, J. E.: Copper-mining industry of N.S. Wales, XV. 197 †; Mercury or "Quicksilver" in N.S. Wales, XVI. 491 †
 Carnegie, Hon. D. W.: award to, XIII. 654; XIV. 103; Explorations in interior of W. Australia, IX. 95; IX. 258*; XII. 216 †; Map of routes of expedition between Coolgardie and Kimberley, XI. 579 †; Sir C. R. Markham's remarks on death of, XVII. 82; obituary, XVII. 202; Spinifex and sand, XIII. 326 †
 —, Mrs.: Place-names of Balquhider, IX. 235 †
 Carnia in generale, La: G. Marinelli, XII. 425 †
 Carnic Alps—Carnischen Voralpen: H. Steinitzer, XVII. 442 †; Hauptkette der Karnischen Alpen: G. Geyer, XIII. 674 †
 Carnivora—Geographische Verbreitung der jetzt lebenden Raubthiere: C. Grévé, VII. 448 †; of Ethiopian region, VII. 285, 288; of Neotropical region, V. 473; of Papuan region, IV. 45
 Carolina—
 Cusate capes of the Carolina coast: C. Abbé, VII. 334 †
 Pirates, The, and Colonial Commerce: S. H. Hughson, IV. 283 †
 —, N.—
 Constitutional beginnings of: J. S. Bassett, IV. 579 †
 Montagnes-Bleues, La nature et la vie dans les: A. Dufour, XII. 543 †
 Oyster reefs of: C. Grave, XVIII. 334 †
 Sandy forelands of, XI. 644
 Slavery and servitude in: J. S. Bassett, VIII. 192 †
 — in the State of: J. S. Bassett, XIV. 684 †
 Transition of, etc.: E. W. Sikes, XIII. 216 †
 —, S.—
 Applied physiography in: L. C. Glenn, X. 457 †
 Government of: E. L. Whitney, V. 609 †
 Trade and industry report, XVI. 354
 Caroline Islands—
 Caroline Is.: F. W. Christian, XIII. 683 †; XV. 85 †
 Cession to Germany, XIV. 97

CAROLINE ISLANDS

Caroline Islands—*continued*.

- Die Karolinen : M. Friederichsen, XIX. 777 †; Do. : H. Singer, XIV. 585 †
 Erlebnisse und Eindrücke des ersten deutschen Ansiedlers in Ponape : C. F. G. Pauli, XVIII. 458 †
 Exploration in : F. W. Christian, XIII. 105 *
 German occupation of, XV. 648
 Karolinen und Marianen, Reise nach den : G. Volken, XIX. 777 †
 Küstekunde der . . . Carolinen-Inseln, XVII. 560 †
 Landeskunde der Karolinen : A. Kirchhoff, XIV. 585 †
 Nukunoro oder Monteverde-Inseln (Karolinen) : J. Kubary, XVI. 491 †
 Ueberrahme . . . der Karolinen, Palau und Marianen : Herr von Bennigsen, XVI. 127 †
 Carolus, J., discoverer of Edge I. : Sir W. M. Conway, XVII. 623 *; XVIII. 460 †; letter from Sir W. M. Conway on, XVIII. 545
 Caron, E. : Instructions pour les Voyageurs, V. 399 †
 — et P. Lefort : Atlas du cours du Niger, XI. 326 †
 Carpathians—
 Babia Góra : J. Reiner, XVII. 545 †
 Beziehungen der südlichen Klippenzone zu den Ostkarpathen : V. Uhlig, XIII. 87 †
 Cirques de Gauri et Galcescu, Levé topographique : E. de Martonne, XVIII. 102 †
 Dans les Karpates : M. E. Viellard, XX. 239 †
 Eiszeit in den Südkarpaten : S. Puchleitner, XIX. 228 †
 Jahrbuch des ungarischen Karpathen-Vereines, VII. 561 †
 Jin, Histoire de la vallée du : E. de Martonne, XV. 294 †
 Meteorological high-level station in, VIII. 173
 Période glaciare dans les Karpates méridionales : E. de Martonne, XVI. 120 †, 362 †; XVII. 70 §, 545 †; XVIII. 84 §, 102 †, 225 †
 Rehmann's neues Karpathenwerk : E. von Romer, VIII. 410 †
 Toponymie . . . des Carpathes méridionales : E. de Martonne, XVIII. 316 §, 461 †
 Carpathos : *see* Karpathos
 Carpentaria, Diocese of, and Bishop of Carpentaria's journey, XIX. 778 †
 Carpenter, Capt. A. : West Indian hurricane, XIV. 239 †
 —, G. H. L. : Collembola from Franz-Josef Land, XIX. 531 †; Geographical distribution of dragon-flies, XII. 218 †
 —, J. B. L. : Islands of Bali and Lombok, IX. 461 †

CARTIER

- Carpenter, N. : treatise on geography of, XVIII. 410
 Carpi, J. de P., Hitherto unexamined manuscript of : C. R. Beazley, XX. 646 *
 Carr, L. : Mounds of the Mississippi valley historically considered, IV. 378 †
 Carranza, A. : Estudio de Geografía . . . de Tarma, IX. 242 †; Geografía descriptiva y estadística industrial de Chanchamayo, V. 91 †; Límites con Chile, VIII. 420 †
 —, L. (biography) : C. Chacaltana, XIV. 689 †; Memoria que el presidente de la Sociedad Geográfica de Lima presenta, etc., X. 556 †; obituary, XII. 533
 Carrasco, G. : Calculo de la población probable de la República (Argentina) al entrar al siglo XX., XIX. 402 †
 Carr-Calthrop, C. W. : Annual Sanitary Report of Assam, XVII. 446 †
 Carré, P. : Les Ports de la Côte ouest de Madagascar, XX. 356 †
 Carrel, F. : In Syria, V. 89 †
 Carren-leufu river, Patagonia, XIV. 360
 Carriacou I., XI. 183; Agriculture in (Colonial Reports), XIII. 217 †
 Carrière, G. : La grotte de Dargilan, X. 547 †; Rapport . . . Système decimal à la mesure du temps, XII. 105 †
 Carrington, G. : Our West Indian colonies, XII. 214 †
 Carrook Fell, Lake district, VII. 611
 Carroll, J. W. M. : on sacred stones in W. Africa, XII. 522
 Carruthers, J. : Triangulation of N.W. portion of S. Australia, I. 533
 —, W. : remarks on physical geography of Br. E. Africa, IV. 517; Expedition to Ruwenzori and Tanganyika, VI. 321
 Carrying trade of the world, The : M. G. Mulhall, V. 401 †
 Cartagena, Colombia, XVII. 351; City of, Plan : F. R. Hart, XII. 109 †; Photographs : F. R. Hart, XII. 112 †
 Carter, Sir G. T. : Colony of Lagos, X. 456 †, 551 †; Mission into Lagos interior, II. 66
 —, O. C. S. : Coastal topography of U.S., XVI. 126 †; Death Valley, XX. 670 †; Upper Schuylkill river, XI. 202 †
 Carthage—Calcul . . . des périodes de l'histoire, etc. : L. Drapeyron, XI. 95 †; Carthage : R. P. Delattre, XI. 95 †
 Carthaginians, Expeditions of, I. 510
 Carthaus, E. : Ueber Goldlagerstätten in Niederländisch-Indien, XX. 466 †
 Cartier—Anticipation of Cartier's voyages : J. Winsor, I. 470 †, 571 †; Cartier's course—a last word : M. F. Howley, VII. 114 †; Results in Europe of Cartier's explorations : J. Winsor, II. 568 †

CARTOGRAPHY**Cartography—**

- Aims and methods of: H. Gannett, XIII. 459 †
- Allgemeine Kartenkunde: H. Zondervan, XVII. 562 †; Allgemeine Kartographie: Id., XIII. 459 †
- Anwendung der Kartographischen Darstellungsmittel auf wirtschaftsgeographischen Karten: E. Friedrich, XIX. 534 †
- Atlas à échelle uniforme proposé par G. Guyon et E. Réclus, X. 459 †
- Beiträge zur Technik der Kartenerzeugung: A. von Hübl, XII. 438 †
- Bevölkerungsstatistische Grundkarten: A. Hettner, XVI. 129 †
- Cartes lithologiques sous-marines: J. Thoulet, X. 554 †
- marines, Notice sur les: G. Lavieuville, X. 459 †; Comment se fait un carte marine: J. Thoulet, XII. 638 †
- Cartographic Association, International, resolution passed by Congress on, VIII. 293
- Cartographie à l'Exposition universelle de 1900: E. de Margerie et L. Raveneau, XVII. 214 †, 562 †
- en 1900: E. Olivier, XIX. 405 †
- Combinierter Umdruck einer Farbenkarte: J. Burian, XVIII. 458 †
- Drei Thesen zum Ausbau der Theoretischen Kartographie: K. Peucker, XX. 563 †
- Eisenbahnnetzes, Berechnung der Dichte des: L. Henkel, XVI. 129 †; Mass für, Böttcher, XVII. 97 †
- Erdkarte in Massstab 1:1,000,000, Ueber die Herstellung einer: A. Penck, XIX. 405 †
- Foreign topographic maps: Sir J. Farquharson, XVI. 129 †
- Frankreichs Kartenwesen in geschichtlicher Entwicklung: W. Stavenhagen, XX. 673 †
- Freehand map work: J. P. Goode, XVII. 456 †
- Hill-shading, Development of, VI. 369; Rappresentazione orografica a Luce Doppia nella cartografia moderna: A. Basevi and G. E. Fritzsche, I. 282 †
- Histoire de l'Ecole cartographique Belge, etc.: Lt.-Gen. Wauwer-mans, VI. 588 †
- Historische Grundkarten: K. Lamprecht und R. Kötschke, XVI. 492 †
- History of: H. Wagner on, V. 590
- : W. Wolkenhauer, III. 77 †
- Hochgebirgs-Karten: E. Oberhummer, XIX. 405 †
- Kartographische Induktion: S. Mehe-dinti, XV. 675 †
- Kartographischen Darstellung der

CARTOGRAPHY**Cartography—continued.**

- dritten Dimension: K. Peucker, XVII. 562 †
- Kriegskarten, Die: C. Ritter von Steeb, XVIII. 459 †
- L'Année Cartographique: F. Schrader, † III. 168; V. 95; VII. 342; IX. 248; XI. 210; XIII. 334; XV. 451; XVII. 222; XIX. 414
- Leitfaden der Kartenentwurfslehre: A. Lindenköhl, XV. 444 †; Do.: K. Zöpplitz, XIV. 122 †
- zur Geschichte der Kartographie: W. Wolkenhauer, VI. 398 †
- List of works relating to: P. L. Phillips, XX. 130 †
- Method of map-drawing: C. C. Carter, XVII. 683 †
- Metodi sequiti dal R. Ufficio Idrografico: P. L. Cattolica, XVIII. 238 †
- Militär-Kartographie auf der Weltausstellung in Paris, 1900: W. Heimbach und C. Hödlmoser, XVIII. 459 †
- Karten, Geogr. Namen in: C. R. von Steeb, XII. 438 †
- Modern map-making, XX. 417
- Notice historique sur la Cartographie: A. Lejeaux, XVI. 587 †
- Nouvelle cartographie horaire: H. Frassi, XIX. 405 †
- Practical method of teaching geography: J. H. Overton, XVII. 456 †
- Photogrammetrie . . . der Militär-Mappierung: A. Rummer, X. 459 †
- Progress of, XII. 401
- Progressi fatti negli ultimi tempi dalla cartografia, etc.: A. Botto, V. 279 †
- Règles à adopter pour les légendes des feux sur les cartes, IX. 581 †
- Reliefs, Un nouveau procédé de construction des: A. de Claparède, XIX. 405 †
- Sammlung Götschen; Kartenkunde . . .: E. Gelcich, F. Sauter, P. Dinse, XI. 320 †
- Schattenplastik und Farbenplastik: F. Heiderich, XIV. 122 †
- School atlas, K. Peucker on construction of, II. 164
- Studien am Atlante Scolastico per la Geografia Fisica di G. Pennesi: K. Peucker, XVII. 562 †
- Technik der Kartenerzeugung: A. von Hübl, X. 459 †; XIV. 232 †; XVIII. 458 †
- Temperature observations, Preparation of range-map, XII. 116
- Terrain-Darstellung in Karten: C. Hödlmoser, XII. 438 †
- mit schiefer Beleuchtung: C. R. von Steeb, X. 459; do., E. Hammer, XII. 103 †

CARTOGRAPHY

Cartography—*continued.*

- Unmapped areas, etc.: J. S. Keltie, XI. 106 †
- Ursprung der "Kleinen Seemeile" auf den mittelalterlichen Seekarten der Italiener: H. Wagner, XVII. 217 †
- War Maps: Sir T. H. Holdich, XVI. 492 † (*see also above*, Krieg-, Militär-)
- Ancient and Mediæval Cartography—
- Carta nautica costruita nel 1325 da A. Dalorto: A. Magnaghi, XIII. 203 §, 570 †; Mappamondo del genovese Angellinus de Dalorto: A. Magnaghi, XVIII. 241 †
- Atlanti e carte nautiche, etc.: G. Errera, IX. 686 †
- Attempt to reconstruct maps used by Herodotus: J. L. Myres, VIII. 605 *
- Baptista Agnese and American cartography in the sixteenth century: J. Winsor, X. 460 †
- Carta "de mari mediterraneo" di Marin Sanudo: il Vecchio: A. Magnocavallo, XX. 365 †
- nautica di Giacomo Bertran maiorchino: N. Rodolico, XVIII. 241 †
- Carte topografiche nell' insegnamento della geografia di Renato Biasutti, XVII. 683 †
- Cartographie verrazanienne: H. Harnisse, IX. 345 †
- Cartography of Terra Australis and New Holland: J. B. Walker, XVI. 590 †
- Crawford Mappemonde Reproductions: C. R. Beazley, XII. 576 §
- Choix de cartes et de Mappemondes des XIV^e. et XV^e. siècles: G. Mareel, VIII. 95
- Die ältesten Weltkarten: K. Miller, † V. 288, 407; VI. 591; VIII. 314; IX. 248; XII. 333; Do., New light on some mediæval maps: C. R. Beazley, XIV. 620 *; XV. 130 *, 378 *, 673 †, XVI. 319 *, 375 †, 705 †
- Early methods, VIII. 610
- Katalanische Weltkarte: K. Kretschmer, XI. 207 †
- Leitgaden durch die Entwicklungsgang der Seekarten: H. Wagner, VI. 103 †
- Leonardo da Vinci, Map of: M. Fiorini, IV. 475 †
- Mile of mediæval Italian charts: H. Wagner, XVII. 80, 217 †
- Origin of mediæval Italian nautical charts: H. Wagner, IX. 444 †
- Periplus . . . Early history of Charts, etc.: A. E. Nordenskiöld, XI. 579 †; XII. 373 §
- Reinel's Chart: L. Casanova, IV. 475 †
- Schizzo cartografico originale della

CARTOGRAPHY

Cartography—*continued.*

- prima metà del XVI. secolo: E. Casanova, XVIII. 241 †
- Sixteenth-century map of the world on equidistant polar projection: W. M. Voynich, XX. 345 §, 654 †
- Søkartets Archivets antika Kaartsamling, VII. 119 †
- Table des légendes . . . d'un Atlas ancien contenant des cartes hydrographiques, etc., XVI. 492 †
- Projections—
- Abhandlungen über Kartenprojection: L. Euler, XIII. 459 †, 685 †
- Advantages of equal-area conical projection: V. Vitkovski, XVII. 562 †
- Aequatorial projection in der Nautik: P. Matthieu, XII. 637 †
- Classificazione elementare delle Proiezione Geografiche: G. Saija e O. Marinelli, XI. 321 †
- Conical surface equivalent projection: C. E. Stromeyer, XX. 363 †
- Elements of map-projections: J. H. Reed, IX. 244 †
- Equal area projection for equatorial maps, Dr. E. Hammer on, XV. 427
- Flachentreue Kegelprojectionen: H. Harth, IX. 111 †
- Geografiske Kaartprojektioner: Zachariae, IX. 111 †
- Kartennetzentwürfe, Die: E. Hammer, IX. 581 †
- Konstruktion der Parallelkreisbilder im Netze der Mercator-Projection: L. Kleritj, XX. 471 †
- Neue Methode zur Veranschaulichung der Kartenmassstäbe: H. Habenicht, XVIII. 459 †
- Projection sphérique comparée aux autres projections: V. Maes, XVIII. 238 †
- Projektionsbilder als Anschauungsmittel für Schulen: H. Zimmerer, XIX. 241 †
- Projections des cartes géographiques: de Coatpont, VI. 395 †
- Proiezioni cartografiche cicloidali: M. Fiorini, XVI. 129 †
- per ribaltamento: G. Saija, VIII. 423 †
- Sketch of . . . map projections: C. F. Close, XIX. 78 §, 238 †
- Sopra alcune proprietà . . . proiezione isodromica: A. Venturi, XIII. 327 †
- tre speciali proiezioni meridiane, etc.: Fiorini, VII. 119 †
- una speciale trasformazione delle proiezioni cartografiche, etc., M. Fiorini, VI. 100 †
- Stereographic projection and its impossibilities: S. L. Penfold, XVII. 562 †; Do. for geographical maps and sailing charts: Id., XX. 363 †
- Surface equivalent projections: C. E. Stromeyer, XIX. 406 †

CARTOGRAPHY

Cartography—continued.

- Ueber die projektionen der Erdkarten: A. Bludau, IX. 111 †
- Ueber Kartenprojektion: Lagrange und Gauss, XIII. 685 †
- Unechteylindrische und unechtkonische flächentreue Abbildungen: E. Hammer, XVI. 129 †
- Vergleichung einiger Abbildungen eines kleinen Stücks der ellipsoidischen Erdoberfläche: E. Hammer, XIV. 344 †
- Wahl der Projektionen für die Länderkarten, etc.: A. Bludau, VII. 117 †
- Was gehört aus der Projektionslehre auf die Schule?: A. Bludau, XIX. 662 †
- Carton, Dr.: Le Bédouin, XVIII. 241 †
- , J., Notes sur l'utilisation rationnelle de l'éléphant, XVII. 456 †
- Carus, J. V.: International catalogue of scientific literature of the Royal Society, XIV. 466 †
- Carus-Wilson, C.: letter on drifting sands and musical noises of Rig-i-Rawan, IX. 571
- Carvajal, M.: Latitud de Lima, IX. 580 †; Navegabilidad de los rios orientales del Peru, IX. 579 †; Report on Eastern Rivers of Peru, IX. 343 †
- Carvalho, A. de: Descobrimento do Brasil, III. 74 †
- Casablanca, nach dem Reisebericht S.M.S. Charlotte, XVI. 369 †
- Casanova, E.: Carta nautica del Reinel, IV. 475 †
- Casati, G.: obituary, XIX. 646; Do.: A. Mori, XV. 131 †
- Cascade mts.—Climate, etc., of: I. C. Russell, XIX. 529 †; Geology of: I. C. Russell, XVII. 662 §, 678 †; glaciers of, XII. 556
- Case, C. B.: Photographs of Br. Guiana, XX. 570
- Case, E.: Experiments in ice motion, VII. 338 †
- Casella, L. P.: obituary, IX. 672
- Casement, R.: Trade of Lourenço Marques, X. 440
- Cash, G. G.: First English map of India, XIX. 653; First topographical survey of Scotland, XVIII. 614; XIX. 104 †; Life and voyages of J. Cook, XVIII. 342 †
- Cashmere: see Kashmir
- Casiquiare canal, S. America, XVII. 364
- Caspian Sea—
- Biology, Contributions to: E. Lönnberg, XVIII. 239 †
- Canalverbindung zwischen dem Kaspischen und Aow'schen Meere: Immanuel, XX. 465 †
- Caspian Sea Pilot: N. Pushchin, XI. 681 †; XII. 429 †
- Chemistry of: A. Lebedintseff, XIX. 652 †
- Der Adschidarja: O. Lang, XII. 627 †

CATALOGUES

Caspian Sea—continued.

- Desiccation of, V. 377
- From Teheran towards the: H. J. Wells, 501 *
- Herodotus' Kaspian, VIII. 621, 623
- Karabugas: N. Andrussov, IX. 461, 471
- Meerbusen des Kaspischen Meeres: N. von Seidlitz, XIV. 581 †
- Temperature of: I. B. Shpindler, XIX. 559 †
- Cassanello, G.: Dei lavori idrografici e talassografici, X. 342 †
- Cassel, M. van: La Haute Côte d'Ivoire occidentale, XIX. 233 †; XX. 246 †
- Cassell's Gazetteer of Gt. Britain and Ireland, III. 344 †; XII. 323 †; XIII. 676 †; New Geographical readers, England, V. 504 †; Universal Atlas, I. 96 †, 191 †, 287 †, 448 §, 478 †
- Cassini: I lavori geografici di: A. Bles-sich, IX. 114 †; La vie et les travaux géographiques de: L. Drapeyron, IX. 345 †; Les travaux géographiques de: Id., VIII. 425 †
- Castaing, R.: Bizerte; Souvenirs du passé, XVI. 700 †
- Castanhoso, M. de, and F. M. E. Pereira: Dos feitos de D. C. da Gama em Ethiopia, XII. 219 †
- Castellani, C.: Vers le Nil français avec la mission Marchand, XIII. 323 †, 418 §
- Castelluccio, Vallone, Italy, X. 482
- Castelmola, O. S. di: Turchia, II Vilaiet di Monastir, XX. 553 †
- Castillo, A. de: A provincia de S. Thomé, VII. 443 †
- Castillo, D. K. del: Diccionario Geografico de España, etc., I. 181 †; IV. 281 †
- Castle Line Atlas of S. Africa: D. Currie & Co., V. 287 †
- Castleton, Angleterre: Blue-John-mine à: Barnes et Holroyd, XVI. 695 †
- Castonnet des Fosses, H.: L'Inde française au XVIII^e. Siècle, XX. 555 †; Une excursion en Danemark, XI. 564 †, 680
- Castro, A. de: remarks on Vasco da Gama XII. 16
- , L. de: De Zeilah au Harar, XIV. 583 †
- Casuarina tree plantations, Nile delta, XV. 17
- Catalogues: (see also Bibliographies, and Indices)—
- Alpine Club, Books in library of, XV. 675 †
- Bibliographies géologiques: E. de Margerie, IX. 687 †
- Biblioteca de la Sociedad Geográfica de Lima, XIII. 688 †
- Bibliothek der deutschen Akademie der Naturforscher: O. Grulich, XIV. 236 †
- der geographischen Gesellschaft in München, IX. 346 †
- Bibliothèque de feu le Dr. Veth, XIV. 583 †

CATALOGUES

Catalogues—*continued*.

- Bibliothèque orientale de feu C. Schefer, XIII. 688 †
- Catalogue No. 3 of second-hand books and manuscripts, XV. 199 †
- Catalogue de la grande collection . . . de W. J. Roijaards van den Ham, XIII. 461 †
- d'une importante bibliothèque composée d'ouvrages anciens, XI. 106 †
- Ellis and Elvey's general catalogue of rare books and manuscripts, IV. 471 †
- English Catalogue of books, † IX. 584; XIII. 330, 571; XV. 448; XVII. 682
- Fourth centenary of discovery of America, Catalogue of geographical documents, I. 186 †
- Geographical works: F. Cardon, I. 283 †
- Hebraica and Judaica: A. Löwy, I. 186 †
- India Office Library, VIII. 533 †
- International Catalogue of scientific literature, XIV. 466 †, 467 †; XVIII. 649 †
- Inventaire sommaire des archives historiques, Ministère de la Guerre, XVI. 133 †
- Istituto Internazionale di Bibliografia: D. Chilovi, X. 555 †
- John Ryland's Library, Printed books and manuscripts in, XV. 303 †
- Librairie française: O. Lorenz et D. Jordell, I. 186 †; IX. 347 †
- Libreria de Penella y Bosch . . . Barcelona, VIII. 533 †
- Livres de la Société de Géographie de Genève, IX. 687 †
- Maps and Books in library of Egyptian War Office: F. R. Wingate, XII. 547 †
- Marsh, G. P.: Library of, VIII. 196 †
- Oriental catalogues of new and second-hand books, XIII. 319 †
- Scientific and technical periodicals: H. C. Bolton, XII. 641 †
- papers, XX. 365 †
- Société de Géographie de Lille, Catalogue de la Bibliothèque, XIV. 690 †
- Vienna Geographical Society, XV. 447 †
- Catamarca Province, Map (Museo de la Plata), IV. 286 †
- , Salta, and Tucuman provinces —exploration by Argentine Government, III. 518
- Catchment areas and their drainage channels, X. 479
- Catherine, Le Port, La Russie dans l'Océan Glacial Arctique, XI. 566 †
- Catholics of the East and his people: A. J. Maclean and W. H. Brown, III. 436 †
- Cattolica, P. L.: Determinazione della Latitudine dell' osservatorio, etc., XI. 449 †; Stazione astronomica a San Cataldo di Bari, XIV. 464 †

CAUCASUS

- Catuquinarú Indians of Amazonas, Visit of J. Bach to: G. E. Church, XII. 63; "Cambarysú" of: E. H. Giglioli, XVII. 453 †
- Cauca river, Colombia, XVII. 348
- Caucasus** (mts. and region)—
- Alpine plants of: I. Akinfiyeff, XII. 206 †
- Caucasian branch of Russian Geological Society, Memoirs, VI. 556
- Caucasian highlands, The: V. Dingelstedt, VI. 293 †
- Caucasus and Tirah: Lord Napier of Magdala, XII. 206 †
- Cypriniden des Kaukasus, XV. 664 †
- Ethnography of Caucasus, VII. 547
- Free-Svanetia, Customs, etc., of inhabitants: N. Dmitriyeff, XI. 196 †
- Geographical work, progress, II. 484; XI. 427; Russian, XII. 186
- Geographie . . . der Kharthwelischen Sprachen: H. Schuchardt, XI. 91 †
- Georgian annals and historians on Northern Caucasus and Russia: Dzhnashavali, XI. 568 †
- Grusinische Militärstrasse die: C. Hahn, VIII. 412 †
- Ichkeria, In the forests of: V. V. Markovich, XII. 206 †
- Kaukasische Dorfanlagen und Haustypen: C. Hahn, VIII. 307 †
- Kaukasische Museum, Bericht über das, VIII. 307 †
- Lachse der Kaukasusländer: F. F. Kawrasky, IX. 336 †; XII. 206 †
- Lichenes in Caucaso . . .: H. Lojka et M. Déchy, XV. 81 †
- Linguistics of, Baron Uslar on, II. 365
- Mammals of the Steppes of N.E. Caucasus: K. A. Satunin, XIX. 769 †
- Maps — Karte des nordöstlichen Kaukasus: G. Radde, VII. 225 †; Kharthwelische Sprachgebiet im Südwestlichen Kaukasus: H. Schuchardt, X. 346; Map of N.W., and survey of G. Radde's route (*q.v. under Exploration below*), IV. 476 †
- Peuplement . . . du Caucase et du Turkestan Russe: P. Barré, XX. 668 †
- Pflanzenverbreitung in den Kaukasusländern: G. Radde, XVI. 123 †
- Photographs: M. de Déchy, XIV. 469
- Places and tribes in, Collection of material for description of, V. 179 †; XX. 244 †
- Points in, List: N. Vinnikoff, XII. 206 †
- Population, IX. 658; X. 198, 201
- Railway, XVI. 224
- Sammlungen des Kaukasischen

CAUCASUS

Caucasus—continued.

- Museums: G. Radde, XVI. 366 †;
XX. 354 †
Stellung von Kolchis in den feuchten
subtropischen Gebieten der Erde:
A. Krassnow, XIX. 397 †
Svanetia, Notes on: Prince R. D.
Eristoff, XII. 206 †
Tats, Les: E. Chantre, I. 83 †
Ushba im Kaukasus: W. Rickmer-
Rickmers, XIV. 116 †
Vergleichende Charakteristik des Ural
und des Kaukasus: K. Futterer,
VIII. 307
Volksstämme Kaukasiens: F. A.
Rossmüssler, XVIII. 326 †
Physiography—
Cours d'eau du Caucase et leur action
géologique: V. Dingelstedt, XII.
630 †
Desiccation of Caucasus, Akinfiyeff's
observations, V. 377 §
Géographie physique de la chaîne
du Caucase: E. Fournier, XI.
91 †
Géologie . . . du Caucase Central: E.
Fournier, VII. 327 †
Geologische Nachlese: A. Heim, XII.
630 †
Glacial Region of Teberda and
Chkhalta: I. V. Mushketoff, XI.
568 †
Hydrography of: V. Dingelstedt,
XIV. 335 †
Igneous rocks of Caucasus: V. Dingel-
stedt, VIII. 648 †
Recherches géologiques dans le
Caucase central, IX. 233 †
Zei-Gletscher in der Centralkette des
Kaukasus: G. Greim, XII. 97 †
Travel—
A travers la Caucase: E. Levier, V.
505 †
Adyrsu, Climbs among peaks of: H.
W. Holder, XI. 196 †
Au col Dongouz-Oroum: C. Regaud,
XIII. 454 †
Au nord de la chaîne du Caucase:
Baron de Baye, XIV. 680 †
Au sud de la chaîne du Caucase:
Baron de Baye, XIV. 335 †; XV.
193 †
Botanical-geographical excursion in:
A. V. Fomin, XVIII. 107 †
Caucase du Nord, La route de Grousie:
E. Fournier, VIII. 412 †
Chez les Tatars; de Derbent à Eliza-
bethpol: Baron de Baye, XVIII.
231 †
Climber's Guide, projected work of
D. W. Freshfield, III. 422
Climbs in Alps and: A. F. Mummery,
VI. 201 †
Description of a third journey to
N.W. Caucasus: N. A. Bush,
XVIII. 107 †

CAVALLI RIVER

Caucasus—continued.

- Durch den Kaukasus: P. Benndorf,
VIII. 648 †
Excursions . . . in dem Kaukasus,
etc.: C. Diener, XII. 93 †
Explorations, III. 231; XI. 427; (D.
W. Freshfield on), VII. 656; Déchy,
XI. 430; XIV. 660; D. W. Fresh-
field and V. Sella, VIII. 153, 307 †;
Merzbacher, I. 63; II. 18; Pastuchof,
II. 548; Radde, I. 455; V. 77; map,
IV. 476 †; Rickmers, VI. 472
Glaciers, exploration of: N. A. Busch
and N. N. Schukin, IX. 567;
Russian, V. 378; XII. 184
Guide au Caucase: J. Mourier, IV.
575 †
Hochregionen des Kaukasus, Aus den:
G. Merzbacher, XVIII. 107 †, 611 §
Journey in N.W. Caucasus: N. A.
Busch, XI. 568 †
Kaukasische Reisen und Studien: C.
Hahn, IX. 461 †
Meine Reise im Kaukasus: Graf
Zichy, XIII. 321 †
Promenade au Caucase et dans le
Turkestan: H. Primbault, XIX.
397 †
Reise in den N.W. Kaukasus, etc.:
N. A. Busch, XIII. 428 §, 454 †
Reise nach Süd Kaukasien: A.
Arzruni, VII. 327 †
Reiseskizzen aus . . . dem Kauka-
sus: H. Credner, XI. 566 †; aus
Transkaukasien: W. von Landesén,
XIX. 231 †
Rion defile, Journey in: A. S.
Lominadze, XI. 196 †
Travel pictures: J. Y. Simpson, XIII.
214 †
Traversée du Caucase par la route de
Géorgie: E. Gallois, IX. 339 †
Tsitsli, First ascent of: C. T. Dent,
XIV. 226 †
Voyage en Caucase: E. Fournier, XI.
196 †
Caura affluent of Orinoco: E. André, XX.
283 *
Causeret, C.: Voyage en Tunisie, XVIII.
233 †
Causses—
Causses, The: E. A. Martel and G.
Gaupillat, III. 344 †
Dans les cavernes des: E. A. Martel,
XII. 426 †
Le sous-sol des: E. A. Martel, I. 563 †
Miriam's Guide to, II. 378 †
Subterranean rivers in, XIV. 404
Sur la rivière . . . au Tindoul . . . et les
sources de Salle-la-Source: E. A.
Martel and G. Gaupillat, I. 81 †
Caustier, E., and others: Ce qu'il faut
connaître de Madagascar, VII. 113 †
Caux, Pays de, VIII. 395; Les Falaises
du: J. Thoulet, VIII. 188 †
Cavalli river, Liberia, XII. 612

CAVAN

- Cavan, Earl of: With yacht, camera, and cycle in the Mediterranean, VI. 580 †; With yacht and camera in Eastern waters, VIII. 648 †
 Cavazzo, Lake; Survey: O. Marinelli, IV. 84 †
 Cave, H. W.: Ruined cities of Ceylon, VIII. 649 †; IX. 338 †, 661 §
 Cavendish, A. E. J.; on H. E. Goold-Adams' ascent of Great White Mt., I. 64
 ——— and H. E. Goold-Adams: Korea and Sacred White Mountain, III. 346 †
 ———, H. S. H.; expedition to Lake Rudolf, X. 588, 566; Cavendish's Reise durch Ostafrika, XII. 325 †; Through Somaliland and . . . Lake Rudolf, XI. 372 *

Caves—

- Cave at Wombeyan, N.S. Wales; O. Trickett's report, XV. 424
 Cave drawings, Aboriginal, in Palmer goldfield: R. L. Jack, VIII. 193 †
 Cave-dwellers of America, Tarahumaris of Sierra Madre: C. Lumholtz, IV. 578 †
 Cave dwelling in N. Mexico, XI. 426; in Tunis, XI. 598; of Mitumba mts., L. Cerckel's visit to, XI. 181
 Cave regions of Ozarks and Black Hills: L. A. Owen, XIII. 324 †
 Cavernes de la Côte-d'Or: C. Driston, X. 546 †
 ——— des environs de Marseille: E. Fournier, X. 547 †
 Caves of Great Britain, X. 500; on mt. Elgon, IX. 184; in Somaliland, XI. 23, 25; of Yorkshire, Notes on the: S. W. Cuttriss, XIV. 658 §; XV. 78 †
 Faune cavernicole du Jura, etc.: A. Viré, X. 547 †
 Gouffre de Padirac: E. A. Martel and E. Rupin, X. 547 †
 Grotte de Baume-les-Messieurs: E. Renaud, X. 547 †
 ——— de Dargilan: G. Carrière, X. 547 †
 Grottes artificielles des environs de Brive: P. Lalande, X. 546 †
 ——— de Corniale d'Obrou et de Padrié: E. Boegan, XI. 87 †
 ——— de la vallée de la Bourne et du Vercors: Décombaz, XII. 426 †
 Géographie und Höhlenkunde: F. Kraus, VII. 221 †
 Martel, E. A.: Bibliographie spéléologique, XI. 574 †; British caves and speleology, X. 500*; XI. 194 †; Recherches . . . en Dévoluy, XV. 188 †, 428 §; Sous terre, VII. 221 †; Spelæological Society founded by, VII. 434; Spéléologie †, VIII. 425; IX. 113; XII. 639; XVI. 374; Subterranean explorations, IV. 186 †; XV. 427; Temperature of Caves, III. 522
 Spéléologie de la Meuse: Brocard, VIII. 411 †

CELEBES

Caves—continued.

- Spélunque de Dions: F. Mazawie et G. Cabanès, X. 546 †
 Cavone delle Noce, X. 484, 486
 Cawston, E.: remarks on "Twenty years in Zambesia," I. 323
 Caxias, S. Brazil, VI. 286
 Cayapas Indians, Three weeks with the: S. M. Basurco, IV. 284 †
 Cayambe, Cerro de, Ecuador, XVII. 344
 Cayeux, L.: Exploration in Crete, XIX. 212; Sur les rapports tectoniques entre la Grèce et Crète occidentale, XX. 350 †, 450 §
 Caylar, Le canton du: P. G. de Rouville, XV. 433 †
 Cayley, H.: Guide to . . . health in unhealthy countries, VIII. 196 †
 Cayley-Webster, H.: Through New Guinea and cannibal countries, XIII. 96 †
 Cavor, Souvenirs du: E. Allemann, IX. 462 †
 Cazaux, Topographie: . . . des lacs de, etc.: C. Duffart, XIII. 675 †
 Caze, Vacher de la: see Vacher
 Cazemajou, Capt.; massacre of expedition of, XII. 316; Le Capitaine Cazemajou: J. Léotard, XIX. 241 †; Voyage de Nefta à Ghadames: P. Vuillot, VIII. 530 †
 Ceara—
 Algumas origens do Ceara: A. Bezerra, XIX. 236 †
 Ceara und . . . Verbesserung seines Klimas: H. von Ihering, V. 284 †
 Landschaftliche Charakter von: F. Katzer, XX. 469 †
 O nome Ceará: Mendes e Sampaio, XIX. 236 †
 Cecchi, A.: Massacre de la Mission Cecchi, IX. 341 †; Notizie geografiche . . . della costa somala, VIII. 93 †; obituary, IX. 230
Cedrus Atlantica, IX. 643
 Celebes—
 Beschrijving van het Rijk Gowa: V. J. van Marle, XX. 466 †
 Besuch auf Buton und Sud-Celebes: G. Radde, VII. 563 †
 Binnensen von: A. Wichmann, II. 572 †
 De opsparing van het Lindoemeer: A. C. Kruijt, XI. 297, 568 †
 Exploration de Célèbes: P. and F. Sarasin, VII. 205; IX. 89, 339 †, 461 †
 Faunal subregion of, VIII. 380, 386
 Geographisch-Geologischen Beschreibung der Insel Celebes: P. and F. Sarasin, XIX. 525 †; XX. 446 §
 Geologie, von: H. Bücking, XV. 664 †; Geologische skizze vom Nord-Celebes (map): Id., XV. 201
 Ijzer in Midden-Celebes: A. C. Kruijt XVIII. 638 †
 Kruijt, A. C.: journey, XV. 286
 Küstenkunde von, XVII. 673 †
 Landschap Gowa: A. Eerdmans;

CELEBES

Celebes—*continued*.

- Geschiedenis van: B. Erkelens, XII.
324 †
Poigar-river in het landschap Bolaang
Mongondo: J. G. F. Riedel, XVIII.
87 §, 108 †
Posso-See in, VIII. 416 †; Reiseroute
nach (map): A. C. Kruijt, VIII. 428 †
Rijk Mori: A. C. Kruijt, XVII. 89 †
Sarasin, P. and F.: journeys, VII. 205;
XX. 229; Reiseberichte aus Celebes:
P. and F. Sarasin, V. 281 †; VI.
295 †; VII. 212 †, 678 †; Reisen im
Innern: P. Sarasin, XVII. 447 †
Sea-depths, XVI. 551
Toradja's van midden Celebes: N.
Adriani, XIX. 397 †; Die adoptie ...
bei: A. C. Kruijt, XIV. 580 †
Volkskunde der Poso-Alfuren: A. C.
Kruijt, IX. 461 †
Zoogeographische Stellung von Celebes:
W. Kobelt, XVIII. 325 †
Celsing, G. R.: Andrees Ballongupp-
stigning, XI. 204 †
Celtis, C., in seinen Beziehungen zur
Geographie: T. Geiger, X. 655
Census, XVIII. 202
Census Notes: J. A. Baines, XVIII.
649 †
— of 1891 and rural depopulation:
L. L. Price, III. 529 †
— of Bosnia and Herzegovina,
1895, E. Gallina on, IX. 87; of
Ceylon, 1891, I. 564 †; of India: C.
E. D. Black, III. 216 †; Johannes-
burg, IX. 445; Russian Empire, IX.
657 †; U.S.A. (Eleventh), VIII. 312 †;
(Twelfth), XIV. 322
Census-taking and its limitations: J. A.
Baines, XVI. 131 †
Recensement séculaire du monde en
1900: J. de Kőrösy, XI. 574 †
Centrosphere, Solidity of, XIV. 435
Ceos—l'île de Kéos: K. Hauttecoeur,
VIII. 412 †
Ceram—Bijschrift bij de Kaarten van
Seran: G. W. W. C. Howell, IX. 461 †;
Ceram: J. Boot, IV. 281 †; Die Insel
Ceram, XI. 91 †; Ein Aufenthalt auf
Gross-Ceram: C. Ribbe, I. 468 †
Cerceau, M.: Explorations in E. Bolivia,
XVI. 564
Cerkel, L.: Les galeries souterraines de
Mokana (Mitumba mts.), XI. 181 §,
313 †; on river names in Congo basin,
XIII. 71
Cercle équatorial de relèvement: E. De-
cante, XV. 556 †
Cerigo I.—Originalkarte der Insel Ky-
thera: R. Leonhard, XIV. 126 †
— and Cerigotto Is.: R. Leonhard's
explorations, IX. 320
Cerna: Pilgrimage and civilization of the
Toltees, IV. 190 †
Cerro Viejo and its volcanic cones: J.
Crawford, VII. 334 †

CEYLON

- Cerro de Pasco, Andes, XVII. 339
Cerroos or Cedros island: G. Eisen, XVIII.
234 †
Cerotri, O.: Il secondo viaggio in Abis-
sinia del Mashcov, V. 282 †
Cesano, L.: La Colonia di Uthina, XVIII.
111 †
Cesnola, Conte L. Palma di: G. Dalla
Vedova, XVII. 327 †
Cessole, V. de, and L. Maubert: La vallée
de la Gordolasque, XV. 546 †
Cetico tree of Napo river, III. 484
Cetinje, Montenegro, IV. 388; Cettinje to
Windsor, XIII. 87 †
Cette, Coup d'œil sur l'histoire de: L.
Malavialle, III. 344 †
Ceuleneer, A. de: L'île de Crète, X. 453 †
Ceuta and Gibraltar: J. F. Crease, XX.
240 †
Cevennes, Basses, Monograph on: De
Bourguet, III. 250 †
Ceylon—
Administration reports; Survey depart-
ment: F. H. Grinlinton, XIV. 678 †;
XVII. 548 †, 657 §; XVIII. 532 †;
Do: P. D. Warren, XX. 667 †
Ancient cities and temples in Kuruné-
gala district: F. H. Modder, X. 455 †;
XII. 429 †
Antiquarian discovery relating to
Portuguese in, XVII. 548 †
Anurádhapura sous les rois cinghalais:
J. Leclercq, XVI. 575 †; Ruines
d'Anouradhappoura: Id., XVIII. 105 †
Botany of Ceylon Patanas: H. W. Pear-
son, XIV. 456 †
British rule in: T. Berwick, VIII. 309 †
Census for 1891: L. Lee, I. 564 †
Ceylon: R. P. Fyrrard, XVII. 86 †
—: L. B. Clarence, IX. 680 †
— in 1896, VIII. 308 †
— in 1899: J. Ferguson, XV. 190 †
Ceylon-Zimmet, Ueber den: C. Hart-
wich, XVIII. 229 †
— und seine Bewohner: W. Geiger,
X. 227 †
Connection with India, XX. 335
Dutch East India Co. in, Monumental
remains of: F. H. de Vos, XIV. 678 †
Eine Woche in Ceylon: G. Radde, VII.
562 †
Expedition against King of Kandy,
1765, by van Eck; trs. A. E. Bault-
jens, XVII. 548 †
Geology of South Central, Notes on: J.
Parkinson, XIX. 105 †; Geological
... sketch of N.W. Province: F.
H. Modder, XII. 429 †
Haeckel's letters from, III. 159 †
Handbook and Directory; ed. J. Fergu-
son, III. 159 †; XIX. 105 †
Insel Ceylon, Die, XVIII. 105 †
Land legislation in, Correspondence,
XIV. 456 †
Le plus ancien entrepôt de commerce:
J. Leclercq, XIV. 678 †

CEYLON

Ceylon—*continued*.

- Missionnaire belge dans l'île de Ceylon : J. Leclercq, XIII. 453 †
 One hundred years of British rule in : L. B. Clarence, VIII. 91 †
 Railway, Govt., Extension of: F. J. Waring, XII. 96 †
 Reports (Colonial), XV. 436 †; XVII. 319 †; XX. 667 †
 Royal Asiatic Society, Ceylon branch; Catalogue of library, VII. 570 †
 Ruined cities of: W. H. Cave, VIII. 649 †; IX. 338 †, 661 §
 Ruines de Pollanarouwa: A. M. Eyraud, XIX. 396 †
 Saar's account of, 1647–1657, I. 83 †
 Séjour dans l'île de Ceylon: J. Leclercq, XVI. 696 †
 Tea, Rise of planting enterprise and trade in: J. Ferguson, XVII. 320 †; Kultur von Thee in: A. Schulte, XVIII. 549 †
 Temples souterrains de Ceylon: J. Leclercq, XIII. 677 †
 Une ville morte à Ceylon: J. Leclercq, XV. 436 †
 Veddahs of, Notes of a trip to: H. M. Hiller and W. H. Furness, XVIII. 548 †; XX. 242 †
 Vertebrate animals of India, Ceylon and Burma, Distribution of: W. T. Blanford, XIX. 524 †, 633 §
 Chaba river, Rocky mts., V. 59
 Chabang-tiga mt., Johore III. 285
 Chablais, L'origine du: M. Lugeon, XIV. 222 †
 Chacaltana, C.: El Dr. D. L. Carranza, XIV. 687 †
 Chaco, S. America, XVII. 388; XIX. 71; Linguistic cartography of region: D. G. Brinton, XIII. 217 †
 — Boreal, Land and people: W. B. Grubb, XVI. 491 †
 — Indians of Pilcomayo, VII. 83
 Chacula, Guatemala, Die alten Ansiedlungen von: E. Seler, XIX. 775 †; XX. 220 §
 Chad, Lake, XVII. 144
 Alger au Congo par le Tchad: F. Foureau, XIX. 196 §, 400 †
 Autour de lac Tchad, XVI. 582 †
 Autour du Tchad, XV. 439 †
 —: Capt. Joalland, XIX. 528 †
 Dreiländerecke am Tschadsee: H. Singer, XX. 245 †
 Expeditions—Béhagle, XIII. 535; XIV. 320; XX. 467 †, 541; Foureau, XVI. 557; French, X. 539; XII. 79; XVI. 349; XX. 231; Gentil, XII. 79
 Occupation des territoires du Tchad: G. Regelsperger, XVIII. 456 †
 — et organisation des territoires du Tchad: M. Gentil, XVIII. 329 †

CHALA

Chad, Lake—*continued*.

- Rabeh und das Tschadseegebiet: M. von Oppenheim, XX. 668 †
 Région française du Tchad: A. Montell, XIV. 583 †
 Route from Chad to the Shari: J. Dybowski, II. 380 †
 — to: G. Demanche, II. 187 †
 Voyage au lac Tchad: P. L. Monteil, VI. 296 †
 — commercial au Bassin du Tchad: F. de Béhagle, VIII. 531 †
 Chaffanjon, J.: A travers le Turkestan Russe, la Mongolie, etc., XI. 682 †; journey in Mongolia and Manchuria, VII. 550; IX. 220; Rapport sur une mission scientifique, etc., XV. 79 †
 Chagas, M. P.: Os Descobrimentos Portuguezes e os de Colombo, I. 90 †
 Chagres river, Colombia, XVII. 350; XIX. 329
 Chagru pass, Tirah, XII. 338, 340
 Chahar Mongols, III. 358
 Chah-Beg, Persia, VII. 172
 Chaigneau, J. F.: Derrotero del Estrecho de Magallanes, etc., XVII. 325 †; Instrucciones Nauticas de la Costa de Chile, VII. 115 †; VIII. 192 †; Jeografia Nautica de la Republica Argentina, IX. 107 †
 Chaillé-Long, Col.: La Corée ou Chöson, I. 469 †; II. 278 †; L'Egypte et ses provinces perdues, I. 182 †
 Chailley-Bert, J.: Colonization of Indo-China; trs. A. B. Brabant, IV. 576 †
 Chaillu, P. du: Land of the long night, XVII. 445 †
 Chain I.: see Anaa
 Chaix, E.: Contribution à l'étude des Lapiés, VI. 483 †; Erosion torrentielle post-glaciaire dans quelques vallées, XX. 674 †; Le Dr. E. Dufresne, XIV. 124 †; Les côtes des Iles Normandes de la Manche, VII. 438 †; L'Eruption de l'Etna en 1892, III. 69 †; L'Irrigation de l'Egypte, III. 72 †; Théorie des Brises de Montagne, V. 399 †
 —, P.: Biography: E. Goegg and others, XVIII. 648 †; E. Kuhne, XIII. 330 †; Lake Trasimene, XIII. 60 *; L'Empire colonial de l'Angleterre en 1897, XI. 689 †; Le Général Sir Henry Rawlinson, VII. 119 †; Marco Polo, XVI. 494 †; Notice sur les travaux de: E. Chaix, XIX. 409 †; Notice sur les vallées Vaudoises du Piémont, XIX. 522 †; obituary, XVII. 539; on prevention of torrents in Switzerland, I. 263; on river systems of Switzerland, IX. 318
 Chaiya, Siam, XI. 471, 473
 Chaiye, Rhodesia; height, XI. 628
 Chakmak or Chakmakтин lake, Asia, II. 402; VIII. 98; XIII. 52, 441
 Chala, crater lake, E. Africa, IV. 430; height and position, IV. 436; C. S. Smith on, V. 79

CHALAG

Chalag, country of, China, XV. 620
Chalk, Influence on physical features of country, IX. 77

Challenger, H.M.S.: Expedition, III. 10 ; Publications: H. R. Mill, V. 360 *; (presentation to F. Nansen), IX. 568, 572; Reports, portraits of contributors, X. 344 †; researches, IX. 601; Summary of scientific results: J. Murray, VI. 586 †; table of animals obtained by trawl and dredge in Antarctic, III. 22

— Medal, presented by J. Murray, VII. 206

Chalmers, J.: Chalmers of New Guinea: G. Robson, XVIII. 343 †; Journey, in Gulf of Papua, II. 172; obituary, XVII. 666; Pioneer Life and Work in New Guinea, VI. 98 †; Toaripi, XI. 203 †

— and Tomkins of New Guinea, XVIII. 343 †

—, Sir D.: British Guiana, VII. 565 †

—, R.: Explorations S. of St. Lawrence river, VII. 413; Pleistocene marine shore-lines . . . St. Lawrence valley, VII. 679; Pre-glacial decay of rocks in E. Canada, XI. 685 †; Surface geology of New Brunswick, etc., VIII. 190 †; Do. of Quebec, XIV. 683 †

Chaltin, Capt.: Le Congo . . . physique, politique et économique, VI. 195 †

Chal-tumak glacier, Mustagh-ata, VI. 361

Chaman, Afghanistan, IX. 401; Chaman:

A. C. Yates, XI. 567 †

Chamberlain, A. F.: Primitive nature study, XVI. 590 †
—, B. H.: Contributions to bibliography of Luchu, X. 550 †; Essay in aid of a grammar and dictionary of Luchuan language, VII. 441 †; Luchu Is. and their inhabitants, V. 289, 446, 534 *; Manners and customs of the Loochooans, III. 251 †

—, and W. B. Mason: Handbook for travellers in Japan, V. 507 †; XV. 80 †

—, J. F.: Climatic conditions in S. California, XX. 670 †; Geography as basis for Correlation, XVII. 455 †; List of books . . . dealing with teaching of geography, XVII. 456 †; California, XIV. 461 †

—, T. C.: Attempt to test the nebular hypothesis, etc., XVI. 129 †; Classification of American glacial deposits, VI. 392 †; on division of geological time, XV. 650; Glacial periods, cause of, XV. 89 †; Glacial studies in Greenland, IV. 461; V. 286 †; X. 124 †; Hypotheses bearing on climatic changes, XI. 206 †; Lord Kelvin's address on the age of the Earth, XIV. 465 †; Origin of loess of Mississippi valley, XII. 100 †; Relations of geology to physiography in our educational system, III. 351 †;

CHANNEL ISLANDS

Ultior basis of time divisions, XV. 88 †; War and geography, XII. 424

Chamberlain, T. C., and F. Levrett: Drainage features of Upper Ohio Basin, III. 534 †; IX. 66

Chambers' Biographical dictionary: D. Patrick and F. H. Groome, XI. 460 †; Concise gazetteer of the world, V. 188 †; Encyclopædia, 2nd ed., V. 187 †

Chambers, B. M.: Can Hawkins's "Maiden Land" be identified as the Falkland Is.? XVII. 414 *

—, H. E.: Constitutional history of Hawaii, VII. 446 †

—, T.: A land of promise, W. Australia, XIII. 218 †; Australia, its position and prospects, XIV. 342 †

Chambeyron, E.: L'Isle de Crète, X. 548 †; Lyon voyageur et géographe, XV. 91 †

Chambezi river, C. Africa, IX. 445; XII. 241, 250; XIV. 444; XV. 230; XIX. 605; XX. 324

Chamen, W. Africa; sacred stones at, XII. 522

Chamo lake, E. Africa, XV. 51

Chamonix and range of Mont Blanc: E. Whymper, VIII. 527 †; XII. 321 †; XIV. 577 †; XVI. 119 †; XVIII. 320 †; Observations sur la route de Chamonix au Mont-Blanc: G. Cora, XV. 433 †

Champagne, La falaise de: E. Chantriot, X. 225 †

Champawn, Siam, XI. 467

Champe, Lac de: Yeld, XIV. 677 †

Champlain, S., Vie de: G. Gravier, XVI. 494 †

Chanambaniali peak, Himalayas, I. 66

Chanhamayo, Geografia descriptiva de: D. A. Carranza, V. 91 †

Chandler, J. A. C.: Representation in Virginia, VIII. 312 †

Chandless, W.; legacy to R. G. S., VII. 655; VIII. 5; obituary, VIII. 77

Chandra Das, S.: see Das

Chanel, J.: Voyage au Kilima Ndjaro, XV. 297 †

Chang, The, Tibet, I. 402; II. 6; VIII. 6

Changes in the unchanging East, XI. 683 †

Chang-pei-shan range, Manchuria, XIII. 431

Changsha, Hunan, XIII. 67; XIX. 722

Chanler, W. A.: Expedition in E. Africa, I. 269, 533 *; II. 19, 367, 534 *; Through jungle and desert, VIII. 310 †, 479 §

Channel Islands—

Charts of tidal streams near: F. H. Collins, X. 125 †

Les côtes des Iles Normandes: E. Chaix, VII. 438 †

Les Iles de la Manche: H. Boland, II. 472 †

Ordnance survey, XIX. 784 †

Strategical value of: W. L. Clowes, XVII. 547 †

L

CHANNEL PILOT

- Channel Pilot, Part I., Supplement 1895, VIII. 187 †; Part II., Coast of France, XI. 106 †; (J. W. King), XV. 662 †
- Channing, E.: United States of America, 1765-1865, VII. 679 †
- Chanoine, Capt.: Mission au Gourounsi, XI. 315 †; XII. 211 †; XIV. 320; Mission Voulet-Chanoine, XIV. 459 †; XV. 297 †
- Chanourdie, F.: Las Inundaciones en el Rio Negro, XVI. 702 †
- Chantabun, Siam, VIII. 430
- Chantre, E.: Chantres Reisen in Antitaurus und in Cilicien, XIV. 226 †; L'Ararat, III. 159 †; Les Bedouins d'Egypte, XIX. 527 †; Rapport sur une mission scientifique en Asie Mineure, XI. 194 †; Recherches anthropologiques dans l'Asie occidentale, VIII. 92 †
- Chantriot, E.: La falaise de Champagne, etc., X. 225 †; La Thiérache, XVIII. 225 †
- Chantu or Taghchi people, C. Asia, IX. 554
- Chao Tu-Kua: J. Hirth, VII. 339 †; Ethnography: Id., VIII. 416 †
- Chaouia de la province de Constantine: R. Basset, IX. 576 †
- Chapala lake, Mexico, VI. 425
- Chapaux, A.: Le Congo, historique, diplomatique, etc., X. 649 †
- Chaper, M.: Journey in W. Borneo, V. 168; Voyage à Bornéo, III. 530 †
- Chapin, F. H.: Land of the cliff-dwellers, II. 187 †
- Chaplin, T.: Visit of David the Reubenite to Hebron and Jerusalem, IX. 339 †
- Chapman, A.: Wild Norway, X. 225 †
- and W. J. Buck: Wild Spain, I. 374 †
- , E. F.: Triangulation of Africa, V. 467 *
- , F. M.: Origin of West India bird-life, XII. 328 †
- , F. R.: Fur-seals in Southern Seas, III. 521; Notes on depletion of fur-seal, III. 353 †
- , J. R.: Cast away on Antipodes island, V. 504 †
- , R., and A. Inglis: Tides of S. Australia, XIV. 586 †
- Chappar Rift, India, III. 182
- Chara-Tangutians, C. Asia, XI. 406
- Charemaru peak, Tibet, VII. 467
- Charente préhistorique: J. Fermond, V. 504 †; Do.: station humaine quarternaire: P. Descoffre, XVII. 671 †
- Chari river: *see* Shari
- Charimaru peak, Himalayas, VIII. 8
- Charisius, Reisebericht des Hauptmanns, XIX. 528 †
- Charles Edward, Prince, Wanderings of: W. B. Blaikie on, X. 324
- Charles Louis mts., New Guinea, II. 493
- Charleston and district, Trade, XVI. 253 †, 354 §

CHARTS

- Charlevoix, P. F. X. de: History and general description of New France; trs. J. G. Shea, XX. 331 §
- de Villers, Le Baron: C. Grandjean, XI. 460 †
- Charlotte and Scarborough, visit to Gilbert Is., VI. 331, 352
- Charlottetown, Pictou, and St. Paul Is., Tide tables for, XIV. 338 †
- Charmoy, Sondages profonds de: A. M. Lévy, VIII. 425 †
- Charnay, D.: Excursion à l'Oasis de la Hadg, XII. 429 †; Do. au Yemen, XIV. 224 †
- et A. Deflers: Excursions au Yemen, XII. 429 †
- Charnwood Forest; W. W. Watts on, XX. 524
- Charpentier, M.: Ce que doit être le canal des Deux-Mers, XIX. 649 †; La question du French Shore, XVIII. 112 †
- Charters Towers goldfields, Geological map IV. 95 †; XIV. 127 †
- Chart, Early, of N. Atlantic: M. Christy, XI. 459 †
- Charts—
- Admiralty, † I. 190, 479, 575; II. 286, 574; III. 443; IV. 287, 480, 583; V. 96, 191, 510, 612; VI. 105, 299, 494; VII. 122, 343, 447, 575; VIII. 95, 314; IX. 119, 351, 584, 587; X. 127, 462, 562; XI. 110, 328, 579; XII. 110, 335, 550; XIII. 103, 334, 575; XIV. 127, 349, 591; XV. 94, 307, 560; XVI. 138, 499, 711; XVII. 102, 330, 569; XVIII. 119, 349, 559; XIX. 117, 415, 666; XX. 135, 370, 569
- Chilian, † VIII. 200, 316; XX. 371
- Danish, XIX. 538 †
- French, † I. 480; II. 287
- Norwegian, † I. 480; IX. 588; XIII. 464; XVIII. 120; XX. 476
- Portuguese, † I. 288; II. 288; XII. 645; XVIII. 247
- Russian, † XI. 211; XII. 645; XIV. 351, 695; XV. 451; XVII. 460; XVIII. 463; XIX. 416, 668
- U.S.A., † I. 95, 191, 288, 576; II. 288, 576; IV. 192, 288; V. 192, 288, 512; VI. 108, 204, 300; VII. 124, 228, 452; VIII. 96, 316, 428, 656; IX. 120, 352, 472, 588, 692; X. 128, 348, 464, 563; XI. 212, 331, 580; XII. 111, 336, 444, 645; XIII. 104, 336, 464, 576, 692; XIV. 128, 239, 469; XV. 95, 203, 308, 451, 562, 679; XVI. 139, 264, 500, 595, 712; XVII. 103, 223, 332, 460, 571, 687; XVIII. 120, 247, 350, 463, 560, 654; XIX. 119, 248, 416, 538, 668, 787; XX. 136, 255, 371, 476, 570, 680; Catalogue of, VIII. 194 †
- Atlantic Currents, X. 100 §
- N. Atlantic and Mediterranean, † XVII. 459, 570, 687; XVIII. 120, 247, 350, 560, 654; XIX. 119, 248, 416, 538

CHARTS

Charts—*continued*.

- 667, 787; XX. 136, 255, 371, 476, 570, 680
 Current, VIII. 200 †
 Meteorological; Southern Ocean, XIV. 695 †
 Star, VIII. 200 †
 World, illustrating Ocean currents: W. L. Jordan, XII. 645 †
 Règles à adopter pour les légendes des feux sur les cartes, IX. 581 †
 Charts and sailing directions; Law relating to: H. S. Moore, XVIII. 646 †; Periplus, Essay on early history of: Baron A. E. Nordenskiöld, XI. 579 †; XII. 373 §
 Chasseurs alpins, Les: J. Bregeault, XV. 676 †
 Chastang, L.: Les Coréens, IX. 237 †
 Chastrey, H.: Hydrographie du Congo et de l'Oubanghi, etc., XVIII. 118 †
 Chatard, T. M.: Natural soda deposits of U.S., VI. 393 †
 Chatelain, H.: Bantu notes and vocabularies, III. 348 †; Geographic names of Angola, II. 278 †
 Chatelier, A. le: Le Bassin minier du Niari, XVI. 580 †
 Chatham Islands—
 Icebergs at, A. Shand's note, II. 371
 Maori occupation of, II. 271
 Moriori people of: A. Shand, VI. 98 †
 Relation to former Southern continent: H. O. Forbes, II. 565 †
 Story of: H. O. Forbes, II. 92 †
 Study in biology: A. Dendy, XX. 361 † 457 §
 ——— and Peril Straits, General information: H. Rodman, VIII. 312 †
 Chatiboi glacier, C. Asia, VIII. 119
 Chatir-Kul, Lake: P. Bogdanov, XVIII. 108 †
 Chatseringhi-huduk, Tibet, XIX. 581
 Chattanooga district, Physiography of: C. W. Hayes, XVI. 371 †
 Chattopadhyaya, S. B.: Descriptive geography of India, IX. 460 †; Intermediate modern geography, IX. 469 †; Student's modern geography in Bengal, IX. 469 †
 Chaudoir, P.: Ballade autour du Monde, XIII. 571 †
 Chauncy Maples: *see* Maples
 Chaurand, E.: Carta dimostrativa dell' Etiopia, V. 190 †; VI. 105 †; Elenco generale alfabetico nella carta dell' Etiopia, VI. 296 †
 Chauveau, A. B.: Sur la variation diurne de l'électricité atmosphérique, XVII. 454 †
 Chauvert, A., and E. Isambert: Syrie, Palestine . . . le Sinai, etc., VIII. 310 †
 Chauvigné, A.: Géographie, etc., de la Champagne, VII. 327 †; Inventaire des cartes . . . de Touraine, XVIII. 454 †
 Chan Ye Ho, river, Mongolia, XI. 509

CHERSO

- Chavannes, E.: Résultats de la guerre entre la Chine et le Japon, VII. 329 †
 Chavdar, Karia, IX. 52, 54
 Chave, B.: Distances, etc., on routes of Union Castle Line steamers, XX. 473 †
 Chechenes, Highlands of; Madame A. Rossikoff on, XI. 427
 Chechikweyo's town, C. Africa, VII. 184
 Cheddar Gorge, Zigzag course of: C. Callaway, XIX. 501 §, 767 †
 Chedeuvre, Baron de; expedition in Abyssinia, XVIII. 89
 Cheesewright, F. H.: Mexican drainage canal, VII. 444 †; VIII. 73
 Chefoo: *see* Chifu
 Chekel Tau, Baluchistan, X. 587
 Chekiang—
 Escursione nel Ce-Kiang: L. Vanutelli, XV. 191 †; Do., nel Ce-kiang settentrionale: L. Vanutelli, XVI. 486 †
 Il Ce-Kiang: E. Pini, XIV. 652 §, 678 †
 ———, Studio geografico-economico: M. Carli, XIV. 579 †, 655 †
 Le Tehe-Kiang: M. G. Richard, XVII. 208 †
 Province du Tche-Kiang: A. Fauvel, XIV. 678 †
 Chelan, Lake: H. Gannett, XIII. 216 †
 Chel-haus chasm, Persia, VIII. 508
 Cheling pass, China, XIX. 713, 733
 Chellaha village, Abyssinia, XV. 107
 Cheltek, III. 328
 Chelu, A.: Regulation of Nile waters, I. 458
 Chelyuskin cape and peninsula, IX. 476; Toll's expedition at, XX. 217
 Chemical and physical notes: J. Y. Buchanan, XIX. III.
 Chemisch-geologische Tiefsee-Forschung: K. Natterer, XIV. 345 †
 Cheng-tu, China, VII. 201; X. 24; XII. 232; XIX. 250
 Chenunda's, C. Africa; people, X. 158; position and height, X. 171
 Chen-yuan district, China, XIV. 641
 Cherbourg, Trade and agriculture, XII. 536 †
 Cherchen, town, Turkestan, VII. 458, 460
 ——— and Anderen, Region between, XX. 309
 Cherchen-Daria, IX. 550
 Chermuk, conduit at, VIII. 329
 Chernycheff, T. N.: Expedition to Novaya Zemlya, VII. 206, 425; do., Den ryska expeditionen, VIII. 649 †; Geological map of Timanski mts., XVIII. 211; Russian medal awarded to, IX. 567
 Cherokee Outlet, Sectional map of: Rand, McNally & Co., II. 572 †
 Cherokees of N. Carolina, Eastern Band of: T. Donaldson, III. 162 †
 Cherri pass, Bakhtiari mts., IV. 492
 Cherrie, G. K.: Ornithology of San Domingo IX 242 †
 Cherso, Isola nel Quarnero: L. Czink, VII. 560 †

CHERVIN

- Chervin, Dr. : La situation démographique de la France en Europe, VII. 327†
 Chesapeake-Albemarle canal, VII. 554
 ——— and Ohio canal project, Early development of: G. W. Ward, XV. 667†
 Chesil Beach, grading of beach shingle, XI. 628, 646; On grading of the shingle: V. Cornish, XIV. 578†
 Chesnaye, C. P.: Journey from Fort Jameson to Kafue river, XVII. 42*; XVIII. 108†
 Chesneau, M.: L'expédition du Pendule, XVII. 91†
 Chesnel, P.: Histoire de Cavelier de La Salle, XVIII. 552†
 Chesney, Sir G.: The British Empire, III. 343†
 Chester, E. G.: Forest administration in Assam, XVII. 87†
 Chester, Roman site at, X. 522
 Chesterfield Inlet, Hudson's Bay, IV. 446;
 Chesterfield Inlet to Great Slave Lake: D. T. Hanbury, XVI. 63*, 479, 489†
 Che-tang plain, China, XVI. 532
 Chevalier, A.: Expedition in Lake Chad region, XX. 231
 ——— et A. Cligny: La Casamance, XVIII. 109†
 ———, Père: Atlas du haut Yang-tse, XV. 93†, 678†; geographical work in China, XVI. 556; on steam navigation on Upper Yang-tse, XIV. 316
 ———: see Lasnet
 Chevalleyres, Le ravin des: S. Meunier, XVII. 86†
 Chevigné, A. de: Géographie historique . . . de la Vallée d'Anjou, XII. 426†
 ———, Lieut.: Descent of Middle Niger, XI. 298
 Chevilliard, G.: Les Colonies anglaises, XIV. 236†
 Cheviots, Glacier-dammed Lakes in: P. F. Kendall and H. B. Muff, XIX. 229†
 Chevrillon, M.: La Syrie, XII. 209†
 Chevrot, Dr.: Exploration du Gouffre de Pierrepeu, VII. 438†
 Chewings, C.: Beiträge zur Kenntnis der Geologie Süd- und Central-Australiens, IV. 87†; Coolgardie gold-fields, VII. 682†; Glacial beds of Cambrian age in far North of S. Australia, XIX. 237†
 ———, H.: Amongst tropical islands, XVI. 491†; XIX. 531†
 Chiaja crater, Italy, X. 429
 Chia-ling river, China, XII. 234
 Chiamdo, Tibet, I. 399; XIX. 588
 Chian-kiang, China, XIX. 251
 Chiapas, Tabasco and Peninsula of Yucatan, Geology: C. Sapper, IX. 342†
 Chicago—
 Longitudes, X. 624
 Mollusca of Chicago area, Pelecypoda: F. C. Baker, XVI. 533†
 Physiographic ecology of Chicago and vicinity: H. C. Cowles, XIX. 235†
 Pleistocene Features and Deposits of

CHILE

- Chicago—continued.
 Chicago Area: F. Leverett, XIV. 584†
 Trade Rep., XIV. 584†; XVI. 253†; XVIII. 112†
 Vienna-Chicago: R. Mayr, III. 348†
 World's Columbian Exposition; Rand, McNally & Co.'s Guide, I. 85†
 Chichen-Itza, Neuere Forschungen in, X. 651†
 Chichester, Sussex, XV. 223, 370
 Chico, Rio, Mexico; gorge, XII. 615
 Chiengmai, Siam, VIII. 447; Trade Rep., XV. 437†; XIII. 214†; XVII. 89†; XIX. 106†
 Chiese and Adige, Between the: C. Needham, XI. 449†
 Chifu, Trade (Foreign Office Rep.), XIV. 456†; XVI. 576†; Tschifu und Umgebung: W. Anz, XVII. 320†
 Chifumauli or Chifunanti lake, C. Africa, IX. 445; XII. 258
 Chigakhor lake and stream, Persia, IV. 488
 Chignecto Bay, Marsh and lake region at Head of: G. J. Trueman, XIV. 338†
 Chijs, T. van der: Dagb-Register gehouden int Casteel Batavia, IV. 375†; VII. 562†; XVII. 549†; XIX. 653†; Nederlandsch-Indisch Plakaatboek, I. 375†; IV. 375†; V. 281†; VII. 562†; X. 227†; XVIII. 229†
 Chikwawa station, E. Africa, II. 410; to Blantyre, route, II. 412
 Chila oasis, Tibet, IX. 548
 Chilab river, Pamirs, XIII. 441
 Chilas: Sir M. A. S. Biddulph, I. 342*
 Child, T.: Pekin, V. 280†
 ———, W. S.: Aden Harbour, IV. 187†;
 Topographical changes in Aden, IV. 361
 Childers, H.: Obituary, VII. 324
 Chile—
 Annuario Hidrografico de la Marina de, † VI. 198; VII. 335; XI. 100; XIII. 457; XVIII. 554; XIX. 775
 Auca, Kritik der Langue: R. Lenz, XV. 669†
 Bahia de Concepcion: D. M. Cabrinetty, IX. 241†
 Barometrische Höhenmessung des Rio Puelo Thals: P. Krüger, IX. 241†
 Bibliografia Maritima Chilena: N. Anrique, VII. 445†
 Calbuco und andere Vulkane des südlichen: C. Martin, XIII. 324†
 Censo Jeneral de, XI. 100†
 Chile und die deutsche Colonien: H. Kunz, VII. 565†
 Climatic control of occupation in: R. de C. Ward, XI. 318†
 Copper—Industria del Cobre: J. V. Jiménez, XV. 441†; Industrie du Cuivre, XVII. 213†
 Department Taltal: L. Darapsky, XVI. 702†; XVII. 534§

CHILE

Chile—continued.

- Diccionario Biografico de Estrangeros en Chile: P. P. Figueroa, XIX. 240 †
- Entwicklung . . . Chile und Argentinien: H. Polakowsky, V. 284 †
- Depressions and Elevations of S. Archipelagoes: F. V. Gormaz, XIX. 775 †
- Estadística i Jeográfica de, XI. 100 †
- Examen de la Obra del Señor F. P. Moreno: F. Fonck, XX. 671 †
- Ferrocarriles de Chile: J. V. Jiménez, XVI. 585 †
- Forschungsreisen im südlichen Chile: H. Polakowsky, IX. 579 †
- Geologisch-petrographische Studien in den . . . Anden: W. Moericke, IX. 579 †
- Glaciers of Chilean Cordillera: Noques, I. 87 †
- Hundimiento o Solevantamiento de los Archipelagos Australes: F. V. Gormaz, XVIII. 336 †
- Instrucciones nauticas de la costa de Chile: T. F. Chaigneau, VII. 115 †; VIII. 192 †
- Liquidation of War on Pacific: R. Salas-Edwards, XVII. 453 †
- Locusts—Invasion de langosta en: E. C. Reed, I. 471 †
- Llanquihue und Chiloe, Südhile: C. Martin, XVII. 558 †
- Magallanes el pais del porvenir: A. Fagalde, XVIII. 553 †
- Maps—Cartes commerciales, etc.: F. Bianconi, VI. 591 †; Karte von Llanquihue und Chiloe: C. Martin, XVII. 330 †; Hydrographic Charts (Oficina Hidrográfica), † III. 444; V. 288; VII. 452; VIII. 200, 316; IX. 692; XX. 136; Plano de la Region Salitrea desde Arica a Tocopilla, XII. 645 †
- Memoria del Gobernador de Magallanes: Sonoret, IX. 242 †
- Photographs: F. Leblanc, XII. 336
- Pisagua et Antofagasta, Notice sur le territoire compris entre: R. Latrille, XIV. 585 †
- Regen in Südhile: K. Martin, XV. 669 †; XIX. 109 †
- Republic of Chili (lecture): D. E. Hume, XX. 469 †
- Sinopsis estadística i jeografica de la Chilo, XV. 668 †
- Southern archipelagoes, depressions and elevations: F. V. Gormaz, XIX. 775
- Sümpfe und flüdis: K. Martin, XV. 669 †
- Survey, P. Krüger on, X. 215; Methods employed by Chilean boundary Commissions: A. Bertrand, XVI. 329 *, 704 †

CHILE

Chile—continued.

- Temperate Chile: W. A. Smith, XV. 180 §, 196 †
- Thermen von Chillan: K. Reiche, VII. 335 †
- Topographischen Landesaufnahme von Chile: P. Krüger, IX. 241 †
- Trade Rep., XVI. 585 †
- Verschiedenheit zwischen Patagonien und Chile: R. A. Philippi, VII. 680 †
- Zur Auswanderung nach Chile: F. Golakowsky, IX. 109 †
- Boundaries—
- Argentino-Chilian demarcation, XIII. 682 †; Grenzstreit: J. J. Rohde, VII. 680 †; Question: F. P. Hansen, XII. 327 †
- Boundary Commissions in Cordillera, Methods of survey: A. Bertrand, XVI. 329 *
- dispute between Chili and Argentina: H. Gibson, XIX. 775 †
- in Puna of Atacama, XIV. 322
- Question, The, XII. 635 †
- Chile und Argentinien in der Patagonischen Kordillere: H. Steffen, VII. 217 †
- Chilenisch-argentinische Grenzfrage, etc.: H. Steffen, IX. 683 †, X. 214 §; im Feuerland: Id., XI. 99 †; Grenzgebiet in Patagonien: Id., XIII. 566 †; Karte der Grenzregion im Feuerland, X. 561 †
- Chilo-Argentine boundary question: J. O. Bunster, XII. 436 †
- Chilo-argentines, La question des limites: H. Delachaux, XII. 214 †
- Cuestión de Limites: D. B. Arana, etc., VII. 217 †; O. Magnasco, VIII. 192 †
- Grenze Argentinien gegen Chile: H. Polakowsky, VI. 489 †; beanspruchten Grenzlinien: Id., XV. 669 †
- Limites con Chile: A. B. Carranza VIII. 240 †; H. Greger, VI. 489 †
- Limites entre Chile, Bolivia i Republica Argentina: F. J. San Roman, VIII. 420 †
- Litige Chilo-Argentin et la delimitation politique des frontières naturelles: H. A. Moulin, XX. 359 †
- Messungsmethoden der chilenischen Grenzkommission: E. Hammer, XIX. 530 †
- Problema de nuestras fronteras del Norte: P. P. Figueroa, XIX. 109 †
- Question of the Pacific: V. Maurtua and F. A. Pezet, XIX. 776 †
- Statement presented on behalf of Chile in reply to Argentine report, XX. 359 †
- Treaty between Chile, Bolivia, and Argentina, VIII. 640

CHILE

Chile—*continued*.

Exploration and Travel—

Au Chili : C. de Cordemoy, XII. 214 †

Chilenische Aisen-Expedition : H.

Steffen, XI. 183, 318 †

Renihue-expedition : P.

Krüger, XVI. 372 †

Coreovado expedition, XII. 415

Diary of B. M. Gamero's journey to lake of Llanquihue : N. Anrique, III. 254 †

Exploration—of Aisen river, X. 329 ; of archipelago, IX. 93 ; of Andes (E. A. Fitzgerald), VIII. 517 ; by Krüger, VII. 101 ; by Spaniards, XVI. 15 ; by Steffen, VII. 101 ; XI. 183, XIV. 96

Mission scientifique au Chili : J. M. Bel, XI. 203 †

Chilengive crater lake, C. Africa, XVII. 48

Chi-li, Province, China—Jehol-Gebiet in :

O. Franke, XX. 122 † ; Military report,

XVI. 486 † ; Do., Supplement, XVII.

446 † ; Petschili, XVIII. 673 † ; Wege-

Aufnahmen : K. Vogelsang, XIX. 245 †

Chilinj pass, C. Asia, VIII. 115

Chillagoe Caves, Queensland, Thistlethwaite's visit to, III. 335

Chillan, Volcanic region of, Noqués on, I. 169

Chiloe, I., Chile, XVI. 16

Estudios geograficos . . . sotre : P.

Maldonado, X. 122 †

Exploracion hidrografica de la costa de

Chiloe : R. Maldonado, IX. 241 †

Geographical Relation of : C. de Branger, II. 280 †

Chilovo, D. : Cataloghi e l'Isituto Internazionale di Bibliografia, X. 555 †

Chiltern Hundreds, The : A. J. Foster, X. 118 †

Chimanimani pass, E. Africa, II. 513, XIX. 372

Chimaraunga chief, XIII. 611

Chimbofuma lagoon, Luapula delta, IX. 59

Chimborazo volcano and pass, XVII. 342

Chimiévitch : Chez les Bouriates de l'Amour, XII. 207 †

Chimoio, Mashonaland, V. 29, 31 ; temperature, V. 46

Chin Chu, Manchuria, II. 450

Chin Hills—

Chin Hills, The : B. S. Carey and H. N. Tuck, VIII. 650 † ; X. 211 §

Chin-Lushai land : A. S. Reid, III. 345 †

Language of Lais as spoken by tribes in : A. G. E. Newland, X. 648 †

Photographs : H. E. Colville, III. 80 ; G. C. Rigby, X. 464

Southern, G. C. Rigby's report on, XI. 546 §

China (*see also* Asia, East ; and East, The)—

A Sárkányok Országából : M. Cholnoky, XVI. 575 †

CHINA

China—*continued*.

American Engineer in : W. B. Parsons, XVIII. 229 †

Anglo-Chinese agreement of June, 1897, X. 208

Architecture of : F. Gratton, V. 180 †

As the Chinese see us : T. G. Selby, XVIII. 105 †

Aufstand der Boxer : H. Feigl, XVI. 575 †

Aufstände in China, III. 89 †

Baia di San-Men : M. Carli, XIV. 114 †

Botanical discoveries in, European : E. Bretschneider, XIII. 213 † ; XIV. 654 §

Boundaries—delimitation, VI. 279 ; Burma boundary commission, XIV.

314 ; with British territory, X. 208 ; with Tonking, VII. 299 ; *see also* Treaties, *infra*

Break-up of China, etc. : Lord C. Beresford, XIV. 334 †

Bridges in—Rhinaiak hidépítéséről : Cholnoky, XV. 295 †

China : R. K. Douglas, XIII. 677 †

— : H. E. Gorst, XIV. 334 †

— : A. Little, XIV. 579 †

— and her people : H. Webster, XVI. 575 †

— and the Far Eastern question : Dr. Eitel, XIX. 768 †

— and the Pamirs : E. H. Parker, XI. 195 †

— and the present crisis : J. Walton, XVI. 696 †

— das Reich der achtzehn Provinzen : E. Tiessen, XX. 122 †

— in commotion : A. Michie, XI. 682 †

— in convulsion : A. H. Smith, XIX. 652 †

— in transformation : A. R. Colquhoun, XV. 79 †

— political, historical, and topographical, VIII. 415 †

— present and past : R. S. Gundry, V. 506 †

— the long-lived empire : E. R. Seidmore, XVI. 486 †

— und die Chinesen : B. Navarra, XIX. 524 †

Chine d'après des auteurs récents : G. de Leval, XVI. 122 †

— d'aujourd'hui et de demain : M. Monnier, XV. 435 †

— entr'ouverte : P. Barré, XVI. 122 †

— et Europe : E. Levasseur, XVIII. 322 †

— et la diplomatie européenne : E. Reclus, XVII. 320 †

— et ses besoins au point de vue l'utilisation des Belges : F. de Bray, XIII. 320 †

CHINA

China—continued.

- Chine: Les provinces voisines au Tonkin: P. Barré, XVII. 672 †
 —meridionale, Pénétration de la: M. Zimmermann, XVII. 548 †, 673 †
 —qui s'ouvre: R. Pinon, XVI. 486 †
 Chinese question, A. R. Colquhoun, XII. 95 †
 —refugees . . . in Mito: E. W. Clement, X. 455 †
 Civilization, Western origin of early Chinese: T. de Lacouperie, V. 280 †
 Confucius, life of: E. H. Parker, IX. 680 †
 Corner of Cathay: Studies . . . among the Chinese: A. M. Fielde, IV. 576 †
 Correspondence respecting affairs of, XIII. 557 †; XV. 663 †
 Côtes de Chine: D. Lièvre, X. 339 †
 Crisis in, XI. 310 †
 Crux of Upper Yangtse: A. Little, XVIII. 498 *
 Cycle of Cathay, A. W. Martin, IX. 104 †
 Defences, etc., Memoranda: R. Wagner, XII. 539 †
 Deforestation in China: F. L. Garrison, XVIII. 548 †
 Descriptive catalogue of Chinese collection, etc.: W. B. Langdon, II. 382 †
 Diamants chinois: A. Fauvel, XIV. 579 †
 Dictionary, Chinese-Japanese: J. H. Gubbins, I. 473 †
 Diplomatic missions to Court of: W. W. Rockhill, XI. 450 †
 Dürren, Nothstände, Unruhen in: W. Krebs, I. 83 †
 Empire du Milieu: E. et O. Reclus, XIX. 768 †
 En Chine: M. Leprince-Ringuet, XX. 242 †
 —: H. G. Monod, XVIII. 548 †
 —: La part de la France, XIV. 114 †
 England's destiny in: F. E. Young-husband, XII. 628 †
 Entreprises en Chine: F. de Bray, XIV. 456 †
 Eta della pietra nella Cina: E. H. Giglioli, XVII. 446 †
 Etablissements français dans l'extrême Orient, origines: H. Cordier, IX. 338 †
 Etudes chinoises: H. Cordier, VI. 486 †; VII. 338 †; XV. 548 †
 Extrême Orient: E. Reclus, XII. 628; XIII. 453 †
 Franzosen und Engländer in Südchina, XV. 79 †
 Friede von Schimonoseki: von Richthofen, VI. 295 †
 Geographical notes: G. Schlegel, XIII. 89; XIV. 334 †; XV. 548 †

CHINA

China—continued.

- Geographical problems; G. Schlegel, I. 279 †
 Géographie des provinces . . . voisines du Tonkin: M. A. Leclère, XVI. 122 †
 Geography of: I. L. Bullock, XII. 628 †
 —, Early; F. Hirth on, XI. 67
 Geological observations in Liautung: K. Jimbo, XIII. 89 †
 Géologie de la Chine méridionale: Leclère, XV. 435 †
 Geschichte der Chinesischen Malerei: F. Hirth, XI. 310 †
 Gli interessi italiani nella Cina: L. Nocentini, IX. 338 †
 Gordon's campaign in China, by himself, with introduction, etc.: R. H. Vetch, XVI. 576 †
 Grand Canal of: W. R. Carles, XVI. 247 †
 Great Plain of, E. von Chelnoky on hydrography of, X. 538
 Great Wall of, III. 469
 Grenslanden von China in het bijzonder Mandsjoerië: F. G. Kramp, XVIII. 105 †
 Histoire des relations . . . avec les Puissances occidentales: H. Cordier, XVIII. 548 †; XIX. 652 †; XX. 352 †
 History and development: J. Barrett, XVIII. 454 †
 —, diplomacy, and commerce, etc.: E. H. Parker, XVIII. 635 †
 Im Osten Asiens: O. E. Ehlers, IX. 459 †
 Information relating to Chinese Empire: Z. Matusovski, XVIII. 454 †
 Intercourse between China and foreign countries: T. Bullock, XIV. 456 †; between China and Luchu, V. 313
 Intimate China: A. Little, XIV. 334 †
 Islam in China: E. Sell, XIII. 677 †
 Island of Pu-to: O. Franke, I. 279 †
 Italia in Cina: G. Ricchieri, XIV. 456 †
 — e la Cina . . . : L. Nocentini, XIV. 456 †
 Jehol-Gebiet in der Provinz Chihli: O. Franke, XX. 122 †
 Jesuits—Oeuvre géogr. de la mission de Zi-ka-wei, XVI. 556 §, 575 †; Travaux géogr. des Jésuites en Chine: P. Havret, XIII. 677 †
 John Chinaman and a few others: E. H. Parker, XIX. 105 †
 Kiau-tschau und ihr Hinterland: F. Hirth, XI. 311 †
 Kouang-Si, Notes à propos de la révolte au: H. Brenier, XII. 628 †
 Kouang-tchéou-ouan: Sa zone d'action: A. Madrolle, XVIII. 323 †

CHINA

China—continued.

- Kulturgeschichte der Chinesen: F. Hirth, XII. 540 †
- Kustenkunde von China, Zur: Kapt. Lans, XVI. 486 †
- Land of the blue gown: A. Little, XIX. 768 †
- Landschaft Kwantung im russischen Besitze: Haupt. Immanuel, XIX. 768 †
- Lighthouses, bnoys, etc., List, X. 227 †; XIV. 457 †; Phares de la Chine: A. Fauvel, XIII. 677 †
- Loess, Origin of: Skertchly and Kingsmill on, VI. 575
- Lui Kung Tao, Wei-Hai-Wei, Temperature, barometer and rainfall, XVIII. 324 †
- Manzi, Une visite à l'ancienne capitale du: A. Vissière, XVIII. 323 †
- Medicine trade, IV. 545
- Mesny's Chinese miscellany, VII. 111 †; X. 119 †
- Monetary system, VII. 456
- Nederlanders in: W. Groeneveldt, X. 648 †
- Northern frontagers of China: Sir H. H. Howorth, XIII. 89 †
- Observations barométriques à Hoi-Hien: Lauwaert, XII. 628 †
- Partition of: A. Little, XIII. 320 †
- Peking Legations: National uprising and international episode: Sir R. Hart, XVII. 672 †
- Pénétration russe en Chine: H. Bidou, XVIII. 229 †
- Photographs: J. Thomson, XI. 433; Hankau to Canton: W. B. Parsons, XIX. 668; XX. 255; Sechuen: R. L. Jack, XVII. 332; Tibet and China: P. Kozloff, XX. 478; Yangtse valley and Sechuan: R. L. Jack, XVI. 500
- Plants; Enumeration of all plants known from China, etc.: F. B. Forbes and W. B. Hemsley, XV. 295 †
- Portuguese intercourse with China, Early: C. A. Montalto de Jesus, XIV. 579 †
- Premier partage de la Chine: A. Montell, XII. 95 †
- Preservation of health in the Far East: W. P. Mears, V. 403 †
- Prime relazione della Cina co' paesi d'Occidente: C. Puiui, XVIII. 106 †
- Problem in China and British policy: A. R. Colquhoun, XVI. 485 †
- Problema de la China: F. de Antón del Olmet, XIX. 524 †
- Problems in China: J. M. Hubbard, XVI. 575 †
- Questions chinoises: C. Madrolle, XII. 95 †

CHINA

China—continued.

- Rainfall—Regentafeln: A. Supan, VIII. 636 §, 650 †
- Reformbestrebungen in: O. Schluter, XIII. 453 †
- Religions of: M. Müller, XVII. 446 †
- Rest-houses, III. 450
- River-boats—Közlekedes a Rhinai alfondon: Cholnoky, XV. 295 †
- Schantung und Kiau-tschou: F. Hirth, XIII. 89 †
- Siam's intercourse with: G. E. Gerini, XVII. 448 †
- 'Society in China,' Prof. Douglas': W. P. Mears, V. 280 †
- Some little-known features of: Rev. Dr. Eitel, XIX. 369 †
- Souvenirs de Chine: C. Mouchez, XI. 683 †
- Sphères d'influence en Chine, XVI. 575 †
- Spheres of interest and the open door: R. S. Gundry, XIV. 334 †
- Sprungwelle in der Mündung des 'Tsientang Kiang, IX. 104 †
- Sur Tientsin, Peking, etc.: A. Bertrand, I. 468 †
- Things Chinese: W. A. S. Wingate, XVI. 122 †
- Treaties—Convention between Gt. Britain and China, VII. 111 †; Conventions de délimitation et de commerce . . . entre la France et la Chine, VII. 440 †
- Ueber fremde Einflüsse in der chinesischen Kunst: F. Hirth, VIII. 650 †
- Vándorlásaim a Mennyei Birodalomban: Cholnoky, XV. 548 †
- Cartography and Surveys—Admiralty surveys, IV. 27; XIV. 85
- Atlas de l'Empire chinois: C. Madrolle, XVI. 262 †; XVIII. 652 †
- du Haut Yang-tse: R. Chevalier, XV. 93 †, 678 †
- Cartography of the East, IV. 375 †
- China, map of: K. I. Weber, III. 331 §
- and surrounding regions: E. Breitschneider, VII. 687 †; XIII. 102 †; XV. 305 †
- Chine méridionale et Tonkin: Friquignon, XIII. 333 †
- Chinese Question: W. and A. K. Johnston's map to illustrate, XI. 463 †; XVI. 378 †
- Daily Mail Commercial Map: G. Philip, XIII. 102 †
- Historical atlas of Chinese Empire: E. L. Oxenham, XII. 222 †
- Imperial Railways of N. China, XV. 305 †; XVI. 378 †
- Inland mission map, XIV. 126 †
- Karte von Ost-China (Königl. Preuss. Landes-Aufnahme), XVIII. 652 †

CHINA

China—continued.

- Nordöstlichen China: F. v. Richthofen, XVI. 708 †
 N.E. China: C. Waeber, II. 478 †; XVII. 329 †
 Preliminary maps of China field force, XVIII. 557 †
 Routenaufnahme zwischen Tschifu und Kiautschou: W. Anz, XVII. 221 †
 Special map of China and Japan: G. Philip, XII. 644 †
 Théâtre des Opérations en Chine, Environs de Pekin (Service Géo. de l'Armée), XVI. 594 †
 Waterways near Shanghai: T. Ferguson, XVIII. 245 †; Wasserstrassen West-China's: H. Cordes, XV. 305 †
 Commerce and economics—
 Avvenire economico della Cina: P. Gribaudi, XIV. 456 †
 Belgian commercial mission to W. China, under Col. Fivé, XVII. 70
 Britain's trade with China: H. Kopsch, XIX. 105 †
 British trade and the integrity of China: H. S. Hallett, XI. 682 †
 Chinas Aussenhandel in 1896: A. Supan, XII. 95 †
 Chine économique, etc.: L. Raveneau, XIII. 453 †
 Classe marchande et le commerce indigène en Chine: A. Hauchecorne, XVII. 673 †
 Coal (anthracite) regions, XII. 501; Coal mines in Honan and Shansi, XVI. 346
 Commerce de la Chine: F. Dujardin-Beaumetz, X. 549 †
 — entre la France et la Chine, Développement possible: E. Frandon, XIX. 230 †
 Commercial China in 1899, XVII. 548 †
 Communications, Inland, XII. 539 †
 Développement économique: M. Pila, X. 549 †
 Gegenwärtige Lage in: E. Tiessen, XII. 539 †
 Imperial Maritime Customs, Medical Reports, † XIV. 456; XV. 436; XVI. 576; XVII. 320; Trade Reports, † VII. 110; X. 549; XI. 90; XII. 429, 539; XIV. 457, 679; XVII. 87; XVIII. 324; XIX. 396; XX. 554
 Industrielleben Chinas: P. Karsten, XIII. 557 †
 Industrielle und Eisenbahn-Unternehmungen in China: von Brandt, XV. 436 †
 Lyonese Commercial mission, VIII. 296; X. 94, 439; Literature on: Brenier, Pila, etc., IX. 338 †, 680 †; XI. 450 †, 682 †; XII. 95 †,

CHINA

China—continued.

- 627 †; XIII. 320 †, 677 †; XIV. 652 §
 Navigation à vapeur dans le Setch'ouen: C. Madrolle, XIX. 768 †
 New British markets. 1. W. China: H. S. Hallett. 2. Tibet: C. E. D. Black, VI. 485 †
 Our trade with W. China: J. F. Fraser, XI. 310 †
 Peking Syndicate, Report on Concessions: J. G. H. Glass, XV. 485 †; XVI. 345 §
 Pioneers of commerce, XII. 429 †
 Prospect in Chinese Trade: G. F. Scott-Elliott, XIV. 456 †
 Resources, and means of communication: G. G. Chisholm, XII. 500 *, XVI. 445
 Ressources minérales des provinces voisines du Tonkin: A. Leclère, XVIII. 454 †, 548 †
 Russian trade: G. Calderon, XVII. 86 †
 Silk—Citta di Suci e la sua industria serica: L. Nocentini, XII. 323 †; Seidenkultur, XIII. 320 †; Silk and tea districts of Kiang-Nan and Chekiang: E. S. Fischer, XVII. 208 †
 Tea cultivation in W. Ssuehuan, etc.: A. de Rosthorn, VI. 485 †; Thee-produktion und Thee-Export, XII. 430 †
 Telegraph contract, Submarine (Chefoo and Wei-Hai-Wei), XVIII. 451 †
 Télégraphes et Postes en Chine: A. Fauvel, XIII. 557 †
 Trade report, X. 549 †; of Central and Southern, XII. 430 †; of Chinkiang XIII. 89 †
 — routes of S. China: W. F. Wenyon, XII. 323 †
 —, Expansion of: T. H. Whitehead, XVII. 548 †
 Transport, XII. 503
 U.S. Commercial commission, XII. 323 †
 Voies navigables de la Chine: A. A. Fauvel, XVIII. 323 †
 Westfluss und seine wirtschaftliche Bedeutung, Der: H. Schumacher, XIII. 453 †
 Yang-tze valley and British commerce: A. Barton, XII. 430 †
 Zukünftige Handel Chinas: A. Markoff, VII. 440 †
 Ethnography—
 Anthropologie chinoise, Essai d': C. de Harlez, XI. 310 †
 — des Chinois du Nord, Notes sur l': J. de Talko-Hryniewicz, XVI. 122 †
 Peuples et langues de la Chine

CHINA

China—*continued*.

- méridionale : C. Madrolle, XII. 628 †
- Peuples étrangers chez les historiens chinois : G. Schlegel, III. 70 †; V. 506 †; VI. 294 †
- Population—Bevölkerungsfrage Chinas : E. M. Köhler, XVI. 100 §, 122 †
- Exploration and Travel—
- Among the Celestials : F. Young-husband, XIII. 89 †
- Aus China : W. Obrutschew, IX. 104 †
- Aus den Reiseberichten Seiner Majestät Schiffe, XV. 79 †, 550 †
- Australian in China, An : G. E. Morrison, VI. 581 †
- Buddhist pilgrims' journeys to Pamirs, VIII. 240
- Canton to Mandalay, From : W. Johnstone, XI. 310 †
- Dix-huit mois de mission en Chine : H. Brenier et A. Grosjean, XII. 627 †
- Eine Reise im Westlichen China : A. von Rosthorn, VI. 581 †; VII. 201 §
- Excursions dans le pays Chinois et dans les montagnes de Thé : P. Bons D'Anty, XX. 242 †
- Expeditions : Bonin, IX. 220; X. 94; XIII. 352, 677 †; XIV. 206; XV. 417; Cholnok, XIII. 430, 453 †; XI. 547; Kozlov, XX. 242 †
- Fleuve Bleu de Sui-fou à la hauteur de Tali-fou : Vicomte de Vaulserre, XVI. 247 †
- Forschungsreise in : E. von Cholnok, XIII. 453 †; Meine Reise in : Id., XIV. 456 †
- French commercial mission : *see above*, Commerce, Lyonesse.
- Geological work in China and Tibet, Lóczy's, III. 315
- Hai-Nan et la côte continentale voisine : C. Madrolle, XVII. 86 †
- Itinéraires dans l'ouest de la Chine : C. Madrolle, XVII. 548 †
- Journey from Hongkong to Ssumao : Jamieson, XII. 539 †
- to Eastern Mongolia and China : I. V. Palibin, XVIII. 635 †
- to Sacred Mountain of Siao-outai-Shan : A. H. Landor, V. 87 †
- Kozlov, Voyage en Asie centrale : J. Deniker, XX. 242 †
- Marco Polo, Travels of, Commentary by Palladius Kafaroff : N. T. Veselovsk, XX. 352 †
- Meine Wanderungen : E. Wolf, XVII. 548 †
- Memoirs, etc., in journey through China : L. le Compte, II. 382 †
- Min-kiang, Travel along : Kinosuke, XIV. 334 †

CHINA

China—*continued*.

- Notes and impressions from a tour : Sir H. Blake, XVII. 86 †
- Notes de voyage en Chine centrale : Rocher, XII. 628 †
- Omi, Mt., and beyond : A. J. Little, XVI. 673 †; XVIII. 524 §
- Ostküste Chinas, Erlebnisse an der : E. S. Fischer, XIV. 579 †
- Overland to China, The : A. R. Colquhoun, XVI. 485 †
- Peking nach Ch'ang-an und Lo-Yang : A. Forke, XVI. 486 †
- Pilgrimage to the great Buddhist sanctuary of N. China : W. W. Rockhill, VI. 485 †
- Potantin's letzte Reise in W. China : E. Bretschneider, XV. 277 §; XVI. 122 †
- Premiers voyages français à la Chine : C. Madrolle, XIX. 652 †
- Reise nach Schehol in Nord-China : K. Nishiwada, XIX. 652 †
- Shanghai to Bhamo : R. L. Jack, XIX. 249 *
- through Hunan : A. M. S. Wingate, XIV. 639 *
- Peking and back : A. C. Yate, XIII. 320 †
- the great wall : J. Spence, XVII. 548 †
- Survey in W. China : E. C. Pottinger, XVI. 575 †
- Széchenyi Expedition : *see* Asia, East
- Ta-chien-lou à Tse-kou : J. Soulié, X. 549 †
- Three years in W. China : A. Hosie, X. 549 †
- Through China with a camera : J. Thomson, XI. 310 †
- Through Tibet to China : M. S. Wellby, XII. 262 *
- Through Upper Burma and W. China : J. F. Fraser, XV. 296 †
- 2500 kilom. opover Yangtse Kiang : W. Coucheron-Aamot, VII. 111 †
- Tour in : C. A. Moreing, XII. 539 †
- Voyage dans les Provinces du Nord : F. Leprince-Ringuet, XX. 554 †
- Yang-tse Kiang to China Sea : W. B. Parsons, XIX. 711 *
- Yangtse-valley and beyond : I. Bishop, XV. 149 †
- Year in China : C. Bigham, XVIII. 635 †
- Railways, XII. 510
- All British railway to : C. A. Moreing, XIV. 678 †
- Chemin de fer de Haiphong à Yun-nan-Sen, XVIII. 455 †
- de Peking : Leroy-Beaulieu, XII. 430 †; à Hankow, XIII. 677 †; à Nieou-tehouang : A. Fauvel, XVI. 486 †
- de Tien-Tsin à Peking : A. Perrinoud, XI. 311 †

CHINA

China—continued.

- Chemin de fer Hankow-Canton : A. J. Wauters, XVII. 548 †
 Chemins de fer de la Chine : P. Combes, XII. 628 †
 ——— en Chine : A. Fauvel, XIII. 89 †; XV. 548 †; J. Servigny, XIV. 114 †; J. de Marcillae, XIV. 457 †
 Chinesische Ostbahn und ihr Gebiet, XII. 323 †
 Eisenbahnfrage in China : H. Feigl, X. 648 †
 Exchange of Notes between Great Britain and Russia on railway interests, XIV. 456 †, 457 †
 Imperial railway of N. China, Correspondence on, XIX. 229 †
 Manchurian railway, Agreement . . . for construction, XII. 628 †
 Railway connection of India and China : A. R. Colquhoun, XII. 430 †
 Railway surveys, XVI. 345
 W. China and Burma, railway communication, XIX. 273, 276
 Zukünftige Eisenbahnnetz Chinas, XII. 539 †
 China Chai basin, Karia, IX. 40
 China Sea —
 Admiralty Surveys, II. 23
 Directory (Hydrographic Office), † IX. 574; XIV. 457; XV. 436; XIX. 230
 En Croisière : Deux ans dans les mers de Chine, XVI. 576 †
 Macclesfield Bank, Survey of, V. 73 *
 Typhoons, J. Algué on, XV. 643
 Chinatown in New York : C. Steffens, XI. 98 †
 Chinchua Is., Reminiscences of : A. J. Boyd, III. 162 †
 Chinchona—Arbres à quin-quina : E. Verrier, VII. 219 †
 Chin-chuan district, China, VII. 201
 Chinde, E. Africa, XIII. 577; route from Chiromo, II. 403; Trade Rep., XII. 632 †; XV. 82 †; XVI. 581 †
 ——— river, E. Africa, II. 404
 Chingambo mts., C. Africa, XIII. 579; XVII. 430
 Ching-chi, China; iron foundry at, XIV. 644
 Ching Pong, Mongolia, XI. 504
 Chin-i-Kewar, Bakhtiari Hills, IV. 499
 Chinkiang, Trade Rep., XIII. 89 †; XIV. 678 †; XVI. 576 †
 Chinnampo Port, Korea, XIV. 561
 Chinook texts : F. Boaz, VI. 489 †
 Chinookan languages, Bibliography : J. C. Pilling, III. 73 †
 Chin-sha river, Tibet, XII. 229; *see also* Blue River, Di-chu, and Yangtse
 Chintankwa, C. Africa, XI. 628
 Chin-Wan-Tao, Determination . . . de la longitude de : M. Pirot, XIX. 652 †

CHITAMBO

- Chi-nyanja simplified : R. Caldwell, XII. 642 †
 Chioggia—Venise pauvre; "Chioggia et les Baruffe Chiozzotte" de Goldoni : F. Pinotti, XX. 465 †
 Chiperoni, C. Africa, XVI. 166
 Chipman lake and river, N. Canada, IV. 440
 Chippewyan Indians; canoe-routes in N. Canada, IV. 438
 Chipunski Cape, Kamchatka, IV. 251
 Chiquitos sierras, S. America, XII. 388
 Chiradzulu mt., E. Africa, II. 420
 Chirala village, E. Africa, II. 411
 Chirchun river, Himalayas, XV. 246, 408
 Chirikof, Voyage of, on N.W. Coast of America : G. Davidson, XIX. 756 §, 774 †
 Chiring peak, Himalayas, I. 369
 Chiriqui Bay : *see* Alburina
 Chiromo, E. Africa, II. 407; V. 196; railway to Blantyre, VII. 384; route to Chikwawa, II. 409; to Milanji, II. 417
 Chiron; Monographie de la Commune d'Assérac, XI. 680 †
 Chirripó volcano, Costa Rica, X. 64
 ——— Grande mts., Costa Rica, XIX. 318
 Chiru, C. : Canalisarea Raurilor si Irigatiuni, IV. 84 †
 Chiruvo Hill station, Mashonaland, V. 29
 ——— Hills, temperature at, V. 46
 Chisela river, C. Africa, I. 526
 Chisholm, G. G.—
 Award to, XIX. 630, 648; XX. 116
 Development of resources of China by modern methods, XVI. 445
 Distribution of towns and villages in England, IX. 76 *; X. 511 *
 Europe, Stanford's Compendium, etc., XV. 187 †, 172 §
 Gazetteer of the world, VI. 588 †, VII. 416 §
 Geographical Conditions affecting British Trade, XVIII. 424 *
 Relativity of geographical advantages, VIII. 485; X. 654 †
 Remarks on "Fragment of the Geography of England," XV. 376; on "Proposed geographical description of the British Is.," VII. 363; on "Teaching of geography in relation to history," IX. 438
 Resources and means of communication of China, XII. 500 *
 Reviews by—Books on China, XIV. 652; Colonization, VII. 193; Commercial Geography, XIX. 747; Korea, XI. 288; Turkey in Asia, VII. 281
 Waldseemüller's *Solidum* (letter), XIX. 389
 Chiswick, Historical collections relating to : W. P. W. Phillimore and W. Whitear, XII. 203 †
 Chitala's, N. Rhodesia, XI. 625
 Chitambo, chief, C. Africa, XV. 229;

CHITICHUN

- R.G.S.'s present to, I. 335; village of, I. 108
- Chitichun passes, Himalayas, III. 187; peak, I. 66; region, Notes on geological structure of: C. Diener, XIV. 579 †
- Chitiket, Mashonaland, I. 316
- Chitral, I. 51; Bythell's Surveys, VIII. 60; People, XV. 517; Triangulation, XIII. 475
- Chitral and frontier policy; Sir L. Griffin, VI. 295 †
- and States of Hindu Kush: F. E. Younghusband, V. 605 †
- , Hunza and Hindu Kush: F. E. Younghusband, V. 409 *
- Future of: G. W. Leitner, VI. 486 †
- Map to illustrate Chitral expedition: W. and A. K. Johnston, V. 611 †; War map (Surveyor-General of India), V. 610 †
- New dangers and fresh wrongs: G. W. Leitner, VII. 111 †
- Official account of Chitral expedition: W. R. Robertson, XIII. 558 †
- Photographs by . . . Bengal Sappers, VIII. 656
- Relief of: G. J. and F. E. Younghusband, VII. 212 †; Relief expedition, Botany: J. F. Duthie, XIII. 320 †; 2nd Brigade in: W. H. Hamilton, VIII. 650 †
- Robertson's Mission; Hon. C. G. Bruce's account, I. 455
- Story of a minor siege; Sir G. Robertson, XII. 609 §; XIII. 90 †
- Younghusband's observations, II. 458
- Yassin and Kunjut: F. Immanuel, II. 379 †
- Chittagong, Antiquity of: S. C. Das, X. II. 431 †
- Chittenden, A. P.: Mountain structures of Pennsylvania, XI. 99 †
- , H. M.: Yellowstone National Park, VII. 680 †
- Chiuta lake, Br. C. Africa; Visit to: R. Codrington, VII. 183 †; Notes on country between Chiuta lake and river Luli: F. B. Pearce, XV. 612 †; XVI. 367 †
- Chiwali and Chizimba, C. Africa; height, XI. 628
- Choate, H.: remarks on presenting American medal to Sir J. Murray, XIV. 104
- Chobanlar, Asia Mi.; altitude, IX. 275
- Chobe or Linyanti river, IX. 122; X. 175; rise of, I. 302; Journeys in Linyanti region: P. O. Reid, XVII. 573 †; XVIII. 331 †; Survey by P. Reid, XV. 65
- Chodat, R.: La Camargue, XVII. 671 †
- , et R. Pampanini: distribution des plantes des Alpes austro-orientales, etc., XX. 665 †
- Choffat, P.: Promenade au Gerez, VII.

CHRISTIANIA

- 439 †; Sur le Crétacique supérieur à Mozambique, XVII. 554 †
- Choga lake, Uganda, XIV. 132; Choga lake, and surrounding country: R. T. Kirkpatrick, XIII. 410 *
- Chogo Lungma glacier, Karakoram, XX. 537
- Choiique-mahuida, Patagonia, II. 160
- Chokaison volcano, Japan, VII. 148
- Cholet, E.: La Haute Sangha, VIII. 531 †
- Cholmley, A. J.: remarks on "Visit to Northern Sudan," VIII. 354
- Cholnoky, E. von: journeys in China and Manchuria, XI. 547; Map of Mouth of Yang-tse-Kiang, XIV. 349 †; on hydrography of Great Plain of China, X. 538; Resultate der wissenschaftlichen Erforschung des Plattensees, IX. 677 †; Vorläufiger Bericht über meine Forschungsreise in China, XIII. 430 §, 453 †; Kozlekedes a Rhinai alföldön; A Rhinaiak hídépítéséről (Chinese river boats and bridges), XV. 295 †; A Sárkányok Országából (From the land of the Dragon), XVI. 575 †
- Cholo mts., E. Africa, II. 408
- Chololo, Andes, XVII. 339
- Chol-tagh, C. Asia, VIII. 164
- Choma division of Mweru district: H. Croad, XI. 617 *
- river, S. Africa, I. 526
- Chon, Loch, Bathymetrical survey of, XVII. 273
- and Ard, Lochs, Notes on geology of district around: B. N. Peach and J. Horne, XVII. 287
- Chongwe river, C. Africa, XVIII. 63
- Chorasan: see Khorasan
- Chorok, Zoo-geography of country watered by: K. M. Deryngin, XV. 664 †
- Chorolque mt., Bolivia, III. 114; height, XVII. 334
- Chorotegas: see Mangues
- Chotenchenbo Hill, Tibet, XII. 266
- Chowrun Martin, pot-hole, XV. 428
- Choi river, C. Africa, XIX. 605
- Chree, C.: Investigations on platinum thermometry at Kew Observatory, XVII. 215 †; Some applications of physics and mathematics to geology, IV. 381 †
- Christensen, M.: on Norwegian Antarctic whaling cruises, III. 336
- Christensen volcano and Is., Graham Land, IV. 340
- Christian, C.: Cyprus and its possibilities, IX. 574 †
- , F. W.: Caroline Is., XIII. 683 †; XV. 85 †; Distribution . . . of plant and tree names in Polynesia, XI. 204 †; Exploration in Caroline Is., XIII. 105 *
- Christiania—
- Geologiske Villeder fra Kristiania: K. O. Björlykke, XI. 566 †
- International oceanic research at, XVIII. 77

CHRISTIANIA

Christiania—*continued*.

- Kristiania, son commerce, sa navigation, et son industrie: G. Amnéus, XVIII. 547 †
- Christiansen, Cape, Greenland, XVI. 664
- Christie, R. B. B., R. Sparrow, and H. G. Mainwaring: Sketch of Routes in Somaliland, VII. 121 †; *see* Mainwaring
- Christison, G. W.: Tea-planting in Darjeeling, VIII. 309 †
- Christmas I., C. W. Andrews's expedition to, XII. 410; Description of: C. W. Andrews, X. III. 17 *, 559 †; Monograph of: Id., XV. 663 †; Papers relating to, IX. 680 †; Report, 1899, XV. 663 †; 1900, XVIII. 549 †
- Pass, Mashonaland, V. 34
- Lectures to young people: D. W. Freshfield, II. 547; H. R. Mill, IV. 562; V. 166; IX. 219
- Christmannos, T.: Die Latemargruppe, XVII. 443 †
- Christophers, S. R., and J. W. W. Stephens: The native as prime agent in malarial infection of Europeans, XVII. 457 †, 538 §
- Christy, M.: Biography of Sir T. Button, XII. 104 †; On an early chart of N. Atlantic, XI. 459 †, 672 §; letter on "Why are the prairies treeless?" I. 464; (theory on), III. 210; Rockall, XII. 538 †; (paper on) VI. 461; Silver map of the world, XV. 674 †; XVI. 113 §; Voyages of Capts. L. Fox and T. James in search of North-West Passage, etc., III. 536 †
- Chronometers—Chronometer tables: P. L. H. Davis, XVI. 587 †; Le service chronométrique à l'observatoire de Genève, etc.: R. Gautier, V. 395 †
- Chuaula, African chief and village, X. 162, 171
- Chubs or stone-carriers of Canadian rivers, X. 16
- Chubugumo, C. Africa, IX. 390
- Chubut river, Patagonia, XVII. 403
- Chuchu mts., C. Asia, II. 388
- Chudeau, R.: L'Elbe, son régime et son importance économique, XVII. 206 †
- Chujia-tol, Tibet, XV. 401
- Chukches—Langue des Tchoukhtches, etc.: V. Bogoraz, XV. 296 †
- Chumar river, Tibet, IX. 216; XII. 228
- Chumley, J.: Obituary of F. P. Pullar, XVII. 313, 682 †; Survey of British lakes, XX. 666 †
- Chumpon, Siam, VI. 536
- Chun, K.: Aus den Tiefen des Weltmeeres, XVIII. 114 †, 169 §; Biography, XV. 90 †; German deep-sea expedition under, XII. 494, 569; XIII. 297, 640
- Chu-naku, Tibet, XV. 406
- Chunchos tribes, Peru, II. 172
- Chungking; Trade Rep., XIV. 456 †

CIRCASSIANS

Church, G. E.—

- Argentine geography and ancient Pampean sea, XII. 386 *, 534 †
- Bolivia by Rio de la Plata Route, XIX. 64 *
- Chandless, W., obituary of, VIII. 77
- Costa Rica, X. 56 *
- Interoceanic communication on Western continent, XIX. 313 *
- Northern Bolivia and J. M. Pando's map, XVIII. 144 *; XIX. 109 †
- Notes on visit of J. Bach to Catuquinari Indians, XII. 63
- Railway and water routes of Nicaragua, XI. 110 †
- map of Argentine, XI. 109 †
- Remarks on "Explorations in Patagonia," XIV. 376; on "Explorations in the Bolivian Andes," XIV. 33; on "Survey in Baffinland," XVIII. 44; on "Voyage of J. Cabot," IX. 616
- Ruined cities of America, XV. 392
- S. America: Outline of physical geography, XVII. 333 *, 533; XVIII. 236 †
- , P. W.: Chinese Turkestan with caravan and rifle, XVIII. 635 †
- Church Missionary Atlas, VIII. 76 §, 196 †
- Society, proceedings, † II. 568; IV. 472; VII. 223; VIII. 533; X. 655; XII. 641; XIV. 690; XVI. 495
- Churchill, H. C.: Bahamas; Report for 1899, XVII. 324 †; Photographs of Persia, X. 564; report on the trade of Resht, VI. 567; of Sicily, XX. 552 †
- , W. A.: Sugar-Loaf mt., Mozambique, IV. 352 *; visit to Table mt., Mozambique, V. 272
- Churchill Fort, Hudson's Bay, IV. 448
- river, Canada, VI. 440
- Churuges, Grotte de, Vallée de Barèges: L. Briet, XVII. 84 †
- Chuwa river, Tibet, XII. 270
- Cibao, Cordillera de, Haiti, III. 49
- Cibils, F. R.: Ferrocarriles proyectados en el Neuquen, XVI. 702 †
- Ciccodicola, F.: Escursione dall' Asmara a Mai Daro, V. 283 †
- Cigliano, cone and crater, Italy, X. 427
- Cilicia—Chantres Reisen . . . in Cilicien, XIV. 226 †
- Cilician Gates, pass, VIII. 318; Through the Cilician Gates to Tarsus: Mrs. Ramsay, XI. 566 †
- Cilvanet, C.: Le Recensement de 1901 en France, XIX. 649 †; Les Recensements de Population, XIX. 392 †
- Cimbébasie: *see* Angola
- Cinque Ports, history of, IX. 431
- Cinyps country, Tripoli, IX. 626 †; river, IX. 631
- Cipango, early name for Japan, III. 404
- Cipolletti, C.: Territori del Rio Negro e del Rio Colorado, XX. 671 †
- Circassians in Palestine, V. 4

CIRERA

- Cirera, P. R.: Magnetic conditions in the Philippines, IV. 281 †
- Cirques, Sur la formation des: E. de Martonne, XVII. 563 †
- Cisneros, C. B., and R. E. Garcia: El Perú en Europa, XVI. 491 †; Geografía Comercial de la América del Sur, XIII. 458 †; XVII. 213 †; Guía ilustrada de Lima, el Callao y sus alrededores, XVII. 324 †; Mapa de Bolivia, XII. 645 †
- Cisnes river, Patagonia, XVI. 198; Steffen's exploration, XII. 615
- Cities—
- Esthétique des villes: Wauters, IX. 336 †
- Evolution of: E. Reclus, VI. 200 †
- Geographical conditions of city life: J. P. Thomson, XV. 447 †
- Geographic causes determining location of: E. C. Semple, X. 654 †
- Grundriss der Städte: O. Schlüter, XVI. 132 †, 235 §
- Town-sites from a geogr. point of view: H. R. Mill, XVI. 590 †
- Citizen's Atlas: J. G. Bartholomew, † XII. 111, 223, 334, 444, 550, 645; XIII. 103
- City of many waters: A. H. Maxwell, IX. 679 †
- Ciudad Bolívar, Trade Rep., XVI. 254 †
- Ciudad-Real, Historia de la provincia: P. A. Aguilera, IX. 234 †
- Civil Engineers, Institution of, Catalogue of library, VI. 589 †; Minutes of proceedings, subject index, VI. 589 †; XV. 91 †
- Civil time: J. Milne, XIII. 173 *
- Civilization—
- Considérations géogr. sur les centres de civilisation: F. Leveux, I. 188 †
- Dawn of: G. Maspero, V. 187 *
- Facteurs de l'évolution des Peuples, etc.: A. Matteuzzi, XVII. 564 †
- Geographic Progress of: F. G. Hubbard, III. 352 †
- Measure of: M. Rubin, X. 234 †
- Civilizing Race, The: E. M. Bense, XVIII. 342 †
- Ciyevna gorge, Montenegro, III. 509
- Claine, J.: Porto Rico, III. 255 †
- Clairant'sche Theorem, Das: H. Herge-sell, IX. 244 †
- Clancey, J. G.: Aid to land surveying, IX. 582 †; X. 124 †; Calculating tables in English and Burmese, IX. 582 †
- Claparède, A. de: Annuaire universel des Sociétés de Géographie, I. 472 †; Corfou et les Corfiotes, XVI. 361 †; Coup d'œil sur la Géographie, etc., XVIII. 344 †; sur la Société de Géographie de Genève, VIII. 534 †; De Genève à Cercier en Ballon, XI. 575 †; De quelques particularités de la première et de la seconde Cataracte du Nil, XIX. 399 †; Note sur le grand barrage du Nil au dessous

CLEGHORN

- d'Assouan, XIX. 399 †; Notice nécrologique de H. Bouthillier de Beaumont, XII. 546 †; Rapport sur la marche... de la Société de Géographie de Genève, VI. 103 †; Les reliefs Perron, XVI. 703 †; Reven des principales explorations de l'année 1900, XVII. 456 †; Souvenirs du VII. Congrès International de Géographie, XV. 558 †; Un nouveau procédé de construction des reliefs, XIX. 405 †
- Clare and Inishturk, Ethnography of: C. R. Browne, XIII. 319 †; Churches of co. Clare, etc.: T. J. Westropp, XVII. 319 †; Distribution of cromlechs: T. J. Westropp, XI. 309 †
- Clarence, L. B.: Ceylon, IX. 680 †; One hundred years of British rule in Ceylon, VIII. 91 †
- Clarence I., Antarctic, II. 433; VII. 516, 642
- Clark, Sir A.: remarks at Antarctic Conference, X. 383; obituary, XIX. 763
- , H. M.: remarks on malaria and acclimatization, II. 283 †
- , J. E.: on submerged rock-valleys, XI. 431
- , W. B.: Maryland Geographical survey (vol. i.), XII. 327 †
- Clarke, C. B.: On subareas of Br. India, etc., XIII. 90 †; Sunderaban of Bengal, VIII. 309 †, 396
- , W. E.: Bird migration in British Isles, IX. 235 †
- , and W. S. Bruce: On avifauna of Franz Josef Land, XII. 102 †
- Class excursions in Wales and England: J. B. Reynolds, XIX. 241 †
- Classe, L.: Du lac Nyanza au lac Kivou, XX. 125 †
- Classen glacier, New Zealand, I. 39
- Classification of geography: H. R. Mill, XI. 145 *
- Claudetown, Borneo, I. 194
- Claudius, T. E. M.: Triangulation of Makrán, II. 153
- Clausentum, site of Roman town, X. 513
- Clavering, D. C.: voyage to E. Coast of Greenland, XVII. 57, 58
- Clayden, A.: Our colonial food supplies, IX. 113 †
- , A. W.: Model for illustration of ocean currents, IV. 253
- Clayton, E.: Consular experiences in Turkey, X. 548
- , H.: Eclipse cyclone and diurnal cyclones, XVIII. 239 †; Influence of rainfall on commerce and politics, XIX. 512 §, 533 †; Investigations on periodicity in weather, XV. 89 †
- Clearwater lake, Labrador, V. 516
- river, Rocky mts., V. 54
- Cleeve, F. J. S.: Comparison of geographical distances, X. 334; System of, XI. 575 †; XIX. 405 †
- Cleghorn, H. J. C.: obituary, VI. 83

CLEMENT

- Clement, E. W.: Chinese refugees . . . in Mito, X. 455 †
- Clements, J. M., and H. L. Smyth: Crystal Falls iron-bearing district of Michigan, XVI. 371 †, 583 †
- Clerc, M.: Le bassin de Marseille, géographie et géologie, XVIII. 546 †
- Clereq, F. S. A. de: De West- en Noordkust van Nederlandsch Nieuw-Guinea, IV. 380 †
- Clerke, W. J. B.: Tansa works for water-supply of Bombay, IV. 376 †
- Clermont, Queensland, Coal-measures: B. Dunstan, XVIII. 236 †, 338 †
- Clermont-Ganneau, C.: Archæological researches in Palestine, VII. 678 †; XV. 550 †
- Cleve, A.: Beiträge zur Flora der Bären-Insel, XIX. 531 †; On Diatom flora found on Arctic ice-floes, I. 11; Zum Pflanzenleben in nord-schwedischen Hochgebirgen, XIX. 523 †
- , P. T.: Atlantic Plankton organisms, XIX. 781 †; Microscopic marine organisms, etc., IX. 245 †; Origin of "Gulf Stream Water," XVI. 130 †; Plankton-undersökningar, XI. 103 †; Seasonal distribution of Atlantic Plankton-organisms, XVI. 130 †; Skageracks Tillstånd under den nuvarande Sillfiskeperioden, XI. 308 †
- , G. Ekman, et O. Pettersson: Variations annuelles de l'eau de surface de l'Océan Atlantique, XIX. 533 †
- Cleveland, Cape, Soundings off, II. 544
- Hills, System of glacier lakes in: P. F. Kendall, XX. 666 †
- Cliff dwellers, American: Sir C. R. Markham, III. 46 *
- dwellings, Origin of the: C. Mindeleff, XII. 213 †
- ruins of Canyon de Chelly, Arizona: C. Mindeleff, XI. 455 †
- villages of Red Rock Country: J. W. Fewkes, XI. 97 †
- Clifford, H.: Report on State of Pahang, XI. 452 †; XIII. 213 †; XV. 81 †; XIX. 105 †; Journey through the Malay States of Kelantan and Trengganu, XIX. 1*; Life in Malay Peninsula, XIV. 580 †
- Cligny: *see* Lasnet
- Climate and Climatology** (*see also* Meteorology, Temperature, etc.)—
- Antarctic, XIV. 413
- Anwendung . . . der medicinischen Klimatologie: P. Polis, XIV. 687 †
- Climat des hauteurs de l'Europe occidentale: A. Woeikof, XVI. 257 †
- Climate and corn: H. B. Wren, XVIII. 239 †
- and colonization, XIV. 346 †
- and industry, E. von Halle on, XV. 426
- and atmosphere: J. M. Bacon, XV. 444 †

CLIMBING

Climate and Climatology—continued.

- Climate and the effects of climate: H. R. Mill, XVIII. 647 †
- Climatic changes: T. C. Chamberlin, XI. 206 †
- evolution, laws of: M. Manson, XIII. 568 †
- Comparative studies in climate: H. H. Hildebrandsson, XVI. 231 §
- Davis Str. and Baffin Bay, X. 442
- Dégénérescence de la race européenne sous le climat équatorial, XVII. 566 †
- Evolution of: M. Manson, XV. 198 †
- Fossil plants as tests of: A. C. Seward, II. 92 †
- Gegensatz . . . der continentalen West, und Ostkusten, etc.: L. Coellen, XVIII. 340 †; XIX. 222 §
- Handbuch der Klimatologie: J. Hann, XI. 102 †, 142 §
- Influence of forests on: on, II. 373
- of lakes on, W. Ule's observations on, VI. 395 †, 477 §
- Influence of, on farming: Brückner, V. 267
- In search of a: C. G. Nottage, III. 77 †
- Klimate der Erde, etc.: W. J. van Bebbler, VII. 568 †
- Limites . . . du climat tempéré: J. Gebelin, X. 233 †
- Maps, ancient climatic, XV. 384
- Meteorologische Beziehungen zwischen dem Nordatlantischen Ocean, etc.: W. Meinardus, XI. 687 †
- Methode zur Berechnung klimatologischer Mittelwerthe: W. Meinardus, XVI. 493 †
- Neue Fortschritte der Klimatologie: W. Köppen, IX. 112 †
- Om Klimatets ändringar, etc.: N. Ekholm, XV. 556 †
- Recent researches on: H. N. Dickson, X. 303
- Relations of soil to, E. W. Hilgard on, I. 275
- Speculation in topographical climatology, W. M. Davis on, XI. 105 †, 302 §
- Temperaturschwankung im . . . Seeklima: A. Woeikof, XI. 103 †
- Thermische Aufbau der Klima . . . des Erdinneren: W. Zenker, IX. 592 †
- Thermo-geographical studies: C. L. Madsen, XI. 103 †
- Tropical, XV. 420
- Variations of climate of past: N. Ekholm, XVII. 681 †
- Versuch einer Klassifikation der Klimate: W. Köppen, XVII. 326 †, 436 §; XVIII. 239 †
- Weather changes from lower to higher latitudes: W. Krebs, II. 567 †
- Climbing reminiscences of the Dolomites: L. Sinigaglia, IX. 103 †

CLIMBS

- Climbs in New Zealand Alps: E. A. Fitzgerald, VIII. 421 †
- Cline, J. M.: Special report on floods in Colorado valley, XVII. 93 †
- Clinton Colden lake, N. Canada, XVI. 70
- Clitheroe and Pendle Hill, geology of: R. H. Tiddeman, XIX. 104 †
- Clipperton Atoll, Note on: Sir W. J. Wharton, XII. 101 †; Sir W. J. Wharton and J. J. H. Teall on, XI. 671
- Clive, P. A.: Notes on a journey to Pali and Mamaidi, XIV. 177 †; Photographs of Nigeria, XV. 563
- Clock-rates and barometric pressure . . . at Mare Island Observatory: E. Hayden, XIV. 464 †
- Close, C. F.: on longitude of Nkata bay, XV. 75; Sketch of . . . map projections, XIX. 78 §, 238 †
- , M. H.: Cosmographical tractate in the Irish language, XIX. 406 †; Hipparchus and the precession of the equinoxes, XIX. 532 †
- Clouds—
- Cloud scenery of the High Plains: W. D. Johnson, XIII. 565 †
- work for the U.S., Results of international: F. H. Bigelow, XV. 302 †
- Cloud-bursts in Lakeland, VII. 620
- Cloudland; study on structure, etc., of clouds: W. C. Ley, V. 184 †; VI. 180 §
- Einwirkung von Flussläufen auf eine . . . Wolkendecke: F. Erk, XII. 439 †
- Illustrative cloud forms for observers, XII. 439 †
- Wave and billow clouds: A. J. Henry, XIV. 465 †
- Wolken-Beobachtungen in Norwegen: N. J. Foyn, XVII. 97 †
- Clozel, F. L.: Explorations between Congo and Shari, VI. 185; in Fr. Congo, VII. 553; Au Congo, VII. 214 †; Bingerville, côte d'Ivoire, XVIII. 232 †; De la Sangha à la Ouém, XI. 684 †; Jonction des lagunes d'Assinie et de Grand-Bassam, Côte d'Ivoire, XX. 246 †; La Côte d'Ivoire, XIV. 459 †; Do., notice historique, XV. 297 †; Mission Clozel dans le Nord du Congo français: Herr, VIII. 93 †
- Clowes, W. L.: Royal Navy, XV. 200 †; Strategical value of the Channel Is., XVII. 547 †
- Clutterbuck, W. J.: Photographs of Great Luchu Is., XIV. 592
- Clyde river, Black's Guide to: M. J. B. Baddeley and E. D. Jordan, XI. 309 †
- Clyde, River, and Harbour of Glasgow: W. M. Alston, XX. 352 †
- to the Jordan: H. Callan, V. 401 †
- Effects of vegetation on valley and plains of the: G. F. Scott-Elliot, XVIII. 511

COASTS

- Clyde river—*continued*.
- Sea area, Physical conditions of: H. R. Mill, IV. 344; Distribution of temperature, V. 398 †
- Coal—
- At Lalan, VIII. 508; in America, XX. 544; China, XII. 501; Kwei-yang, XIV. 642; Manchuria (iron smelting), XIV. 295; Sze-chuan, X. 21; Siberia, III. 331; Somaliland, XI. 377, 396
- Coal district N. W. of Lake Nyassa, Zenke's visit to, XIII. 73
- Coal-supplies of the World: B. Taylor, XII. 440 †
- Coal-trade, and the Empire: A. S. Hurd, XII. 639 †; Do. of U.S. and the world's local supply and trade, XVII. 564 †
- Existe-t-il de la houille dans le Pas-de-Calais?: P. Combes, XIII. 319 †
- Houille dans les Colonies anglaises: P. Barré, XVIII. 343 †
- Influence of Coalfields on situation of towns, IX. 82
- Jevons's coal question: Rt. Hon. L. H. Courtney, XI. 309 †
- Our coal supplies: T. F. Brown, XIV. 113 †
- Production and consumption of, XIII. 98 †
- Sur les résultats des recherches du charbon minéral . . . en Sibirie: Venukoff, VIII. 651 †
- Coan, T. M.: Hawaiian ethnography, XIII. 684 †
- Coasts—
- Coast and Geodetic Survey of U.S., XI. 54; Do.: J., IX. 578 †; Geographic work of: T. C. Mendenhall and O. H. Tittmann, XI. 98 †, 289 †; Report, XI. 686 †
- Coast-dwellers—Kustfolks olika sjöduglighet: H. H. von Schwerin, XVI. 375 †
- Coast-line; Curves, XI. 646; Morphology, V. 82; VII. 318; Influence of configuration of coast-lines upon rate of secular magnetic declination: H. Wilde, V. 93 †
- Géographie littorale: J. Girard, V. 185 †
- Geographische Homologien an den Küsten: P. Güttner, VI. 395 †
- Küstenentwicklung: F. Ratzel, VI. 199 †
- Mean distances from coast in oceans; de Windt's calculations of: XIII. 665
- Model of sea-shore characteristics: G. Curtis, XII. 439 †
- Morphology of, VII. 318
- Profile of Equilibrium of the subaqueous shore-terrace: N. M. Fenneman, XX. 130 †
- Sand and shingle, movements of, XI. 668

COASTS

Coasts—continued.

- Sea and land : N. S. Shaler, VI. 101 †
 Sea-beaches and Sandbanks : V. Cornish, XI. 528, * 628 *; XII. 329 †
 Sea Coast, The : W. H. Wheeler, XIX. 660 †, 747 §
 Un exemple de plaine côtière : W. M. Davis, XIII. 460 †
 Coatpoint, Gen. de : Note sur les projections des cartes, VI. 395 †
 Cobbold, R. P. : Innermost Asia, XV. 435 †; Journeys in Turkestan and Pamirs, XIII. 65; Trip to lake Balkash, XIII. 559 †
 Cobham, C. D. : Attempt at a bibliography of Cyprus, IV. 187 †; XVII. 546 †
 Coca river, Amazons, XVII. 369
 Cochabamba—
 Diccionario Geográfico, Departamento de Cochabamba : F. Blanco, XX. 560 †
 Introduction a la Historia natural de la Provincia de, Estudios . . . : B. D. Romero y J. A. Ballivian, XVIII. 235 †
 Cochamo, valley, Patagonia, XVI. 35
 Cochín, census, 1891 : C. A. Menon, VII. 329 †
 Cochin China—
 Carte de la Cochinchine française : A. Koch, XVII. 458 †
 Colonization de la Cochin-Chine : P. d'Enjoy, XI. 311 †
 Une colonie française de la fin du XX^e. siècle : Le Myre de Vilers, XI. 567 †
 With the savages of E. Cochin China : M. Guerlach, IV. 85 †
 Cochrane : surveys in Manitoba, X. 628
 Cochrane mt. and lake, Patagonia, XIII. 663
 Cockburn, Hon. Sir J. A. : Commonwealth of Australia, XVII. 679 †; S. Australia as a federal unit, XIV. 122 †
 Cockburn I., Graham Land, IV. 334
 Cockerell, T. D. A. : Geographical distribution of scale insects, VIII. 425 †
 Cocks, A. H. : Capt. C. A. Larsen's Antarctic journal, IV. 466 §
 —, R. T. : obituary, V. 276
 Cockscomb mts., Br. Honduras, Expedition durch : K. Sapper, VIII. 420 †
 Coco de mer at Seychelles, VIII. 374
 Coco river, Nicaragua, XI. 660; Reise auf dem Rio Coco : K. Sapper, XVII. 94 †
 Cocoa : see Cacao
 Coco-nut—Die Kokospalme : A. Oppel, XI. 104 †
 Cocos bay, Costa Rica, X. 61
 — I., Costa Rica, X. 73; Island of Cocos : D. Lièvre, II. 188 †
 Cocos-Keeling and Christmas Is., Papers relating to, IX. 680 †; Reports, XIV. 115 †, XV. 663 †; XX. 243 †
 Cod, Cape, outline of : W. M. Davis, IX.

COILLARD

- 446, 464 †; C. Cod canal, VII. 553; Reservoir of C. Cod district : N. S. Shaler, XIV. 340 †
 "Codex Flateyensis," VIII. 295
 Codrington, R. : award to, XVI. 117; C. Angoniland district, XI. 509 *; Expedition to Dr. Livingstone's tree, XIV. 317, 444; Journey from Fort Jameson to Old Chitambo, etc., XV. 227 *; XVI. 124 †; Photographs of Angoniland, XII. 223; Voyage on lake Tanganyika, XIX. 598 *; Visit to lake Chiuta, VII. 183 *
 —, T. : Submerged rock-valleys, XI. 431
 Cody, W. F. : see Inman, H.
 Coellen, L. : Climatic contrasts, XIX. 222; Gegensatz in den . . . Klimaten, etc., XVIII. 340 †
 Coello, F. : biography : L. Drapeyron, XIV. 124 †; obituary : Sir C. R. Markham, XII. 533; Don F. Coello y Quesada : D. F. Botella and others, XIII. 687 †
 Coffee—
 Coffee and Indiarubber culture in Mexico : M. Romero, XIV. 94 §
 Coffee-parasite in E. Africa, VI. 284
 Culture du Café dans le monde : H. Lecomte, XVIII. 556 †
 — du Cafétier au Congo : E. Laurent, VIII. 531 †
 Le Café : G. Vasco, XVII. 218 †
 Production in Brazil, XV. 440 †; C. Africa, V. 211, 444; Shire Highlands, VII. 374, 385
 Ueber Kaffeekultur : M. Fesca, XI. 459 †
 Coffey, G. : Notes on prehistoric cemetery of Loughcrew, XII. 204 †
 Coghlan, T. A. : Agriculture in N. S. Wales, XVIII. 113 †; N. S. Wales Statistical register, VIII. 421 †; XI. 101 †; XX. 562 †; Picturesque New South Wales, XIX. 777 †; Statistical account of the seven Colonies of Australasia, † VI. 98; X. 341; XIV. 342; XVIII. 236, 458; Wealth and progress of N. S. Wales, † III. 163; VII. 446; VIII. 421; XI. 101, 456; XV. 443; XVII. 95
 Cogshall, W. A. : Trip to summit of Orizaba, XII. 213 †
 Cohen, J. B. : Air of towns, X. 232 †
 —, E., und W. Decke : Liste der häufigeren Rügen'schen Diluvial-geschiebe, XVII. 206 †
 —, and H. Raken : Solubility of Calcium carbonate in seawater, XVIII. 647 †
 Cohn, F. : Declinationen und Eigenbewegungen der Sterne, etc., XVI. 587 †; Astronomische Ortsbestimmungen der Kaiser - Wilhelms - Land - Expedition, XIII. 218 †; Geographische Ortsbestimmungen von Togo, XVI. 368 †
 Coillard, F. : On the threshold of C. Africa,

COINS

- XI. 199†; XII. 300§; Sur le Haut-Zambèze, XI. 315†; XII. 300§
- Coins, Greek, Catalogue of, in Hunterian collection: G. Macdonald, XIII. 571†; XX. 251†
- Coke, C. H., and J. P. Rolleston: Visit of training squadron to Spitzbergen, VI. 547*
- Colaba Observatory, disturbance of magnetic . . . instruments at: N. A. Moos, XVI. 577†
- Colbeck, J. A.: Letters from Mandalay, V. 506†
- , W., XX. 211; award to, XVIII. 99
- Cole, F. N.: Diurnal variation of barometric pressure, I. 283†
- , G. A.: Bog-slide of Knockageeha, IX. 337†; The floor of a continent, XI. 458†; The heart of a continent, XI. 206†; Open-air studies, VII. 567; VIII. 181§
- , G. W.: Bermuda and *Challenger* expedition, XIX. 658†; Bermuda bibliography, XII. 212†
- Coleman, A. P.: Clastic Huronian rocks of W. Ontario, XI. 685†; Glacial and interglacial deposits near Toronto, XI. 200†; Iroquois beach, XVI. 582†; Mt. Brown and sources of the Athabasca, V. 53*; Relations of changes of level to interglacial periods, XIX. 661†
- Colenso, Miss H. E.: Problem of the Races in Africa, XI. 94†
- Coles, J.: Award to, XVI. 99; XVIII. 99; Lectures to young people, I. 158; Note on altitudes in J. Thomson's Map (Br. C. Africa), I. 121; remarks on "Expedition through Somaliland to Lake Rudolf," VIII. 236; retirement from map curatorship of R.G.S., XV. 639; XVI. 2
- Colima, Mexico, VIII. 145; Earthquake in State of: C. W. Haines, XIX. 234†
- Colin, Père; determination of position of Antananarivo, III. 143; Missions scientifiques sur les côtes . . . de Madagascar, XVIII. 110†; Levés géodésiques . . . à Madagascar, XIII. 93†; Positions géographiques . . . côte orientale de Madagascar, XVI. 368†; Travaux géographiques . . . massif central de Madagascar, XX. 356†; Travaux magnétiques, XX. 356†
- Collett, A.: Monistrol-Montserrat rack railway, VI. 589†
- , Sir H.: Six weeks in Java, IV. 188†
- , J.: Anomalie de la pesanteur à Bordeaux, VIII. 423†; Correction topographique des observations pendulaires, XVII. 97†, 214†
- , O.: Pearl oysters and pearl fisheries, XVII. 328†; XIX. 408†
- Collie, D. K.: Governmental maps for schools, VII. 223†

COLOMBIA

- Collie, G. L.: Gross topography of the globe, XVII. 326†; Physiography in schools, XVII. 456†
- , J. Norman: Climbing on Nanga Parbat range, VII. 441†; Climbing the Canadian Rocky mts., XIV. 119†; Exploration in Canadian Rockies, XIII. 337*; XIV. 461†; XVII. 252*, 678†; XVIII. 111†; letter on Canadian Rockies, XIV. 101; Lofoten Is., XX. 351†; Note on portable mercurial barometer, X. 206; remarks on "Snow-waves . . . in Canada," XX. 174
- Collie goldfield, Geological Map: A. G. Maitland, XIII. 575
- Collignon, R.: Anthropologie de la France, IV. 184†; De l'Auvergne à l'Atlantique, VII. 327†
- Collin, V.: La question du Haut-Nile, XV. 297†
- Collingridge, G.: Discovery of Australia, VII. 446†; IX. 450§; Early Cartography of Japan, III. 403*; IV. 270, 276; Fantastic islands of Indian Ocean and Australasia, IV. 92†, 475†
- Collingwood, W. G.: The Lake counties, XX. 351†
- , and J. Stefansson: Pilgrimage to Sagasteads of Iceland, XIV. 675†
- Collins, F. H.: Charts of tidal streams near Channel Is., etc., X. 125; Do. on W. coast of Scotland, IV. 286†
- , R. M.: Early explorations on the Logan, etc., XIV. 122†; S.E. Highlands of Queensland, XI. 204†
- Collon-Cura river, Patagonia, II. 161
- Collot, L.: Relief dans le département de la Côte-d'Or, V. 604†
- , M.: Goniathes carbonifères dans le Sahara, XIX. 108†
- Colmer, J. G.: New North-West Passage, VIII. 653†; Progress of Canada, IX. 463†; remarks on "Survey in Baffinland," XVIII. 43
- Cologne, Société de géographie de: L. Drapeyron, XVII. 666†
- Colomb, Sir J.: Wanted, an imperial conference, V. 187†
- , P. H.: Manœuvring powers of steamships, etc., VII. 340†
- Colombaroli, A.: Sandeh vulgairément appelée Niam Niam, VII. 333†
- Colombia—
- American railway in: F. R. Hart, XV. 300†
- Anales Diplomáticos y Consulares: A. J. Uribe, XVIII. 644†
- Andes of, XVII. 344; (Western), A. Hettner's Sketch, II. 268
- Boundaries—Columbia and Costa-Rica, X. 57; XVI. 564; Arbitrage entre, XVIII. 113†; Grenzstreit zwischen: E. Seler, XVII. 324†; Limites entre: M. de Peralta, XVII. 94†; do.: F. Silvela, XV. 669†; Los "Geographische Mitteilungen" y la frontera

COLOMBIA

Colombia—continued.

- entre, etc., XIX. 93 §, 109 †; Neue Grenze zwischen (map), XVII. 569 †
- Brettes, Graf J. de, Reisen im nördlichen Columbia: W. Sievers, XII. 436 †
- Bureau of American Republics, Bulletin, VII. 681 †
- Coal and Petroleum in, VIII. 192 †
- Colombia e la sua situazione economica: R. de Dorfo, X. 457 †
- Geography, History, etc., of: R. Nuñez and H. Jalhay, II. 91 †
- Geological Studies, Astronomical determinations: B. Peter, III. 254 †
- Glacial Phenomena of: R. B. White, XIV. 684 †
- Kolumbien: F. Regel, XV. 669 †
- Nordwestlichen Kolumbien, Reisen im: F. Regel, XII. 214 †
- Ores of: H. W. Nichols, XIV. 684 †
- Photographs: E. Gledhill, VI. 300; XIII. 336
- Ports—Atlantic, XVII. 350; Pacific XVII. 350
- Reclus' Columbia; trs. F. J. Vergara, IV. 379 †
- River system, XVII. 347
- Reise in Berglande von Antioquia: F. Regel, XX. 248 †
- Reisebriefe aus: F. Regel, IX. 342 †; X. 330, 457 †; XI. 318 †
- Rio Hacha and Goajiro Indians: H. Candelier, II. 380 †
- Tour through: C. Cuero Marquez, IV. 284 †
- Trade, VI. 386
- Colombo, Old and New: J. Ferguson, XV. 190 †
- Colon, Colombia, XVII. 351
- Colonies and Colonization—**
- Bibliothèque Coloniale internationale: La main d'œuvre aux colonies, VIII. 534 †
- Bilancio coloniale del secolo XIX.: E. Pini, XVII. 682 †
- Colonial Administration: O. P. Austin, XIX. 782 †; Do.: P. Bigelow, XIX. 241 †
- Atlas, Langhans', S.W. Africa in, IX. 62
- Bibliography, French, XIX. 762
- Empire of 1837: E. Salmon, X. 344 †
- Expansion: Flora L. Shaw, V. 401 †
- Geography, institutes for study of, III. 523
- import duties, XIII. 330
- systems and colonizing peoples: M. Dubois, VII. 193 §
- systems of the world: O. P. Austin, XIII. 688 †; XVII. 566 †
- Tramp, A.: H. Nisbet, IX. 109 †

COLONIES

Colonies and Colonization—continued.

- Colonial und Weltverkehrskarte, Begleitwort zur, X. 654 †
- Colonies and Chartered Companies: Sir A. Lyall, XII. 329 †
- and the century: Hon. Sir J. Robinson, XIV. 236 †
- Colonies anglaises: G. Chevilliard, XIV. 236 †
- et l'enseignement géographique; Conference . . . de l'Union coloniale française: M. Dubois, VIII. 534 †
- , British: see British Empire, and special headings
- , French: see France, and special headings
- , German: see Germany, and special headings
- Portuguese: see Africa, Angola, Portugal
- Spanish, in Africa: D. M. Conrotte, XVIII. 110 †
- Colonizzazione e Conquista: G. Richieri, XIV. 346 †
- Combined circulars on Canada, Australasia, etc., XV. 199 †
- Development of habitable lands: H. R. Mill, XV. 652 §; XVI. 131 †
- Essays on colonizing, etc.: R. Dodd, IX. 347 †
- Expansion européenne pendant le XIX^e. siècle: F. Brugière, XVIII. 556 †
- Grandes compagnies de colonisation: P. Leroy-Beaulieu, VIII. 195 †
- Institut Colonial International, Compte rendu de la session tenue à la Haye, VIII. 534 †
- Koloniale Zeitschrift, XVI. 358 §
- Kolonisatorische Aufgaben: G. Meinecke, XVIII. 556 †
- Kolonisationsbestrebungen und die Anpassungsmöglichkeit der Europäer in den Tropen: F. Hueppe, XVIII. 240 †
- Main-d'œuvre aux colonies, VIII. 534 †; do.: A. Bernard, XVII. 218 †
- Methods of government and development, etc., XIX. 533 †
- Morale de la colonization: A. de Haulleville, XV. 557 †
- New Lands: H. R. Mill, XVI. 568 §, 592 †
- Problème colonial au début du XX. siècle: M. Zimmermann, XIX. 783 †
- Quel est le régime économique qui favorise le plus la colonisation? O. Noël, XVII. 455 †
- Question des renseignements coloniaux: J. V. Barbier, IX. 347 †
- Recueil des Sociétés coloniales et maritimes, XVII. 566 †
- Siedelungskolonien, etc.: E. Hahn, IX. 467 †
- Sociétés indigènes et le problème de la Colonisation: L. Vignon, XI. 458 †

COLONIES

Colonies and Colonization—*continued*.

Solution of the colonial question : R.

Beadon, I. 283 †

Systèmes coloniaux : M. Dubois, VI. 588 †

Systems of colonization : J. B. Nevine, X. 654 †

The colonies, their arts, etc. : Sir O. T. Burne, XI. 208 †

Tropical colonization : A. Ireland, XV. 557 † ; Do., is it justifiable ? : Id., XX. 675 †

Colonien, Comm. : Voyage au Gourâra et à l'Aougerout, V. 181 †

Colorado—

Canyon district, Notes on : W. M. Davis, XVII. 93 †

Canyons of the Colorado : J. W. Powell, VI. 197 †

Cliff-dwellers, III. 46 ; Land of the : F. H. Chapin, II. 187 †

Colorado Desert : D. P. Barrows, XVI. 582

Economic geology of Silverton Quadrangle, Report : F. L. Ransome, XX. 770 †

Geology of Aspen mining district : J. E. Spurr, XV. 195 †

— of Denver Basin : S. F. Emmons, W. Cross, and G. H. Eldridge, XI. 317 †

Glacier of mt. Arapahoe : W. T. Lee, XVII. 212 †

Grand Cañon of Colorado river : T. Anderson, XVIII. 334 † ; Excursion to the : W. M. Davis, XVIII. 334 †, 624 ; Les Enseignements du Grand Canyon : W. M. Davis, XIX. 401 †

Irrigation Engineering in : H. A. Crafts, XI. 455 †

Life on the Colorado Plateaus : R. Dodge, XVI. 252 †

Mines of Custer County : S. F. Emmons, XI. 317 † ; Mining industry (F. O. Rep.), XVII. 452 † ; Do. of Telluride Quadrangle, Report : C. W. Purington, XIV. 683 †

Origin of debris-covered Mesas of Boulder : W. T. Lee, XVII. 92 †

Ueber das Colorado-Plateau zum Grand Cañon : H. Credner, VII. 216 †

Underground water of Arkansas valley : G. K. Gilbert, XI. 317 †

Colorado river, Costa Rica, II. 170, X. 68

— river, Patagonia, II. 160

— valley, Texas ; Floods in, Report : J. M. Cline, XVII. 93 †

Colour Code, On a correct : J. A. Harvie-Brown, XIV. 125 †

Colquhoun, A. R. : Afghanistan : the key to India, XVI. 246 †, 485 † ; China in transformation, XV. 79 † ; Chinese question, XII. 95 † ; Great Trans-Siberian-Manchurian railway, XVII. 448 † ; Key of the Pacific, the Nicaragua canal, VII. 217 † ; 316 § ;

COLUMBIA

Mastery of the Pacific, XIX. 777 † ; Matabeleland, III. 347 † ; Nicaragua and its canal, VII. 335 † ; "Overland" to China, XVI. 485 † ; Problem in China and British policy, XVI. 485 † ; Railway connection of India and China, XII. 430 † ; Renaissance of S. Africa, XVI. 700 † ; Russian C. Asia ; countries and people, XVI. 248 † ; remarks on "From Shanghai to Bhamo," XIX. 274

Colton, G. W. and C. B. : Map of Alaska, XI. 109 †

Columbia, G. M. : La tradizione geografica dell' età romana, X. 460 †

Columbia, British—

Alberni district, Mining section : W. J. Sutton, VII. 564 †

Attraverso alla Colombia Inglese : D. R. de Simone, XIII. 456 †

Board of Trade, report, XI. 315 †

Br. Columbia, its position, etc., XI. 315 †

— of to-day : Hon. J. H. Turner, XIX. 773 †

Climate : E. Deville on, III. 143

Crown Lands Surveys for 1895, VIII. 312 †

Findlay's Sailing directory . . . coasts of Br. Columbia and Alaska : W. R. Kettle, XII. 434 †

Geological Survey of Canada, report : G. M. Dawson, VII. 679 †

Glaciation in Atlin district : J. C. Gwillim, XX. 127 † ; Additional observations on glaciers : G. and W. Vaux, XVI. 252 †, 687 §

Goldfields of : *see* Ontario

History of : A. Begg, VIII. 190 †

Indians of : F. Boas, IX. 107 †

Inland waterways of : H. B. Small, XV. 441 †

Kwakiutl-Nootka, Oceanic origin of, etc. : C. Hill-Tout, XV. 553 †

Land-slides on Canadian Pacific Railway : R. B. Stanton, XII. 435 †

McConnell, R. G. ; surveys in, VIII. 400

Maps—J. H. Brownlee, II. 191 † ; G. B. Martin, VII. 342 † ; Canadian Yukon and Northern Territory, XI. 327 † ; Chart of Alaska and : H. D. Jenkins, XIII. 464 † ; Indexed pocket map, etc. : Rand, McNally & Co., VII. 451 † ; XVIII. 558 † ; Sprachenkarte von British-Columbia : F. Boas, VII. 342 † ; S. W. part : Chief Commissioner of Lands and Works, II. 285 †

Mines—Reports of Minister of, VII. 564 † ; XII. 212 † ; XVIII. 552 †, 624 § ; XX. 559 † ; Mineral resources : L. U. Hodges, XII. 214 † ; wealth : G. M. Dawson, I. 567 † ; Mining districts near Kamloops lake : G. F. Monckton, XVI. 125 †

COLUMBIA

Columbia, British—*continued*.

- Mountain travel and climbs in : H. E. M. Stutfield, XIX. 528 †
 North-Forkthal in Britisch-Columbien : J. Habel, XII. 634 †
 Photographs of Alaska and Br. Columbia : W. H. Cook, XIX. 538
 Pilot, VIII. 191 †; XIII. 94 †
 Prehistoric man in : C. Hill-Tout, IX. 341 †
 Prospecting in : W. M. Brewer, XIV. 228 †
 Railways, VIII. 298
 Secular climatic changes in : G. M. Dawson, XI. 200 †
 Squamish Indians of, Notes on : C. Hill-Tout, XIV. 119 †
 Tide-tables for Victoria and Sand Heads, XVII. 678 †
 Topographical surveys, X. 629
 Year Book, XI. 454 †; XIX. 528 †
 Yukon boundary, St. Cyr and White-Fraser's report on survey of, XVIII. 312
 Yale district, etc. (Land and Works Department), XVIII. 118 †
 Zur Ethnologie von Britisch-Columbien : F. Boas, VI. 392 †
 Columbia, District of, Geographic development : W. J. McGee, XII. 435 †; Maps and Surveys, V. 90 †, 487
 ——— mt., Canada, XIII. 351; ice-field, XVII. 252, 264
 ——— river, N. America, XVII. 253; Source, XVII. 271
 Columbrete : H. I. H. Archduke Ludwig Salvator, VII. 108 †
 Columbus, Bartholomew—Die Karte de Bartolomeo Colombo : F. von Wieser, III. 352 †
 Columbus, Christopher, IX. 204
 America prefigured : J. Winsor, I. 187 †
 Authentic letters of : W. E. Curtis; VII. 339 †
 Autograph letters of : La Duquesa de Berwick y de Alba, I. 90 †
 Caravels of : V. M. Concas, III. 352 †
 Career of : C. J. Elton, I. 90 †
 Celebrations, II. 17
 Christoph Columbus als Kosmograph : K. Kretschmer, I. 90 †, 176
 Christophe Colomb : J. du Fief, I. 283 †
 ——— d'après la raccolta di Documenti, etc. : E. Levasseur, VI. 200 †
 ——— et Toscanelli, III. 76 †
 Christovam Colombo . . . : J. M. Pereira da Silva, II. 93 †
 Colombo : Poema por M. de A. Porto-Alegre, II. 93 †
 Columban Atlas, A Great, I. 57 §
 Columbus and his discovery of America : H. B. Adams and H. Wood, I. 187 †
 ——— and his voyages : J. Rein, I. 187 †

COLVILLE

Columbus, Christopher—*continued*.

- Columbus, Christopher, and participation of the Jews, etc. : M. Kayserling, IV. 472 †
 Columbus' landfall and Watling I. : O. Neussel, I. 90 †
 Columbus och Toscanelli : E. Carlson, VII. 568 †
 Columbus på Island og vore forfædres opdagelser i det nordvestlige Atlanterhav : G. Storm, II. 568 †
 Cristobal Colón español? D. C. Garcia de la Riega, XIII. 687 †
 Cristoforo Colombo : M. A. Lazzaroni, I. 90 †
 ——— nella leggenda e nella storia : C. de Lollis, I. 90 †
 Discovery of America : from the *Quarterly Review*, II. 282 †
 ——— of Haiti, III. 51
 ——— of a map by : C. Peucker, III. 44 *
 Disquisitioni Colombine, Studi : P. Peragallo, VI. 397 †; VIII. 426 †
 Family of : S. Ruge, I. 90 †
 Favola di A. Sanchez precursore e maestro di C. Colombo : P. Peragallo, VIII. 426 †
 First Landfall of Columbus : J. W. Redway, V. 401 †
 ——— letter of, I. 90 †
 Have we a portrait of Columbus? : C. P. Daly, II. 283 †
 Il Genio e l'obbiettivo di Colombo, etc., Memoria del Dr. Abbate Paschia, I. 571 †
 In the wake of : F. A. Ober, III. 352 †
 Italian Monument to : Sir C. R. Markham, IV. 33 *
 Journal of (first Voyage) : trs. Sir C. R. Markham, II. 189 †
 Life of Columbus : Sir C. R. Markham, I. 90 †
 O Descobridor do Novo Mundo foi Colombo : H. Pragner, XI. 105 †
 Os Descobrimentos Portuguezes e os de Colombo : M. P. Chagas, I. 90 †
 Raccolta di documenti pubblicati dalla R. Commissione Colombiana, etc., V. 401 †, VIII. 195 †
 Removal of Remains of, XIII. 201
 Solution de tous les problèmes relatifs à Christophe Colomb, etc. : G. de la Rosa, XX. 564 †
 Toscanelli et Christophe Colomb : L. Gallois, XX. 251 †
 ——— et Christophe Colomb d'après un ouvrage récent : G. Marcel, XX. 251 †
 Columbus, Fernando—L'autorità di M. B. Las Casas nella nascita di Don F. Colombo : A. Marccone, VIII. 426 †
 Colville, Sir H. E. : Land of the Nile Springs, VI. 487 †; Photographs of Chin Country, III. 80 †; remarks on "Expedition to Ruwenzori," VI. 321

COLVILLE

- Colvile, Z.: Round the Black Man's Garden, II. 186 †
- Colvin, Sir A.: Indian frontiers and Indian finance, VII. 111 †; Problem beyond the Indian frontier, XI. 90 †
- Combe, D. E. de la: Conferencia dada en la Soc. Geogr. de Lima, III. 74 †
- Combes, P.: Existe-t-il de la houille dans le Pas-de-Calais? XIII. 319 †; L'aire géographique des conquêtes de Samory, XIII. 562 †; L'Île de Crète, X. 453 †; Navigation du Mekong, XI. 451 †; Question du Méridien unique, XV. 87 †
- Commander Is., Bering Sea, IV. 251; IX. 322
- Commerce: *see* Geography, Commercial, and Trade
- Commerell, Sir E.: remarks at Franklin Commemoration meeting, VI. 44
- Communications: *see* Railways, Telegraphs, Transport, *etc.*
- Como, Lake, depth, XIV. 441; glaciation, I. 489; Temperatura del lago di Como: O. Marinelli, VIII. 307 †
- Comoro Is.—Fauna, VII. 284; Notice sur Mayotte et les Comores: E. Vienne, XVI. 699 †; Sultanat d'Anjouan: J. Repiquet, XVIII. 231 †
- Compass—
- Admiralty manual for deviations of: F. J. Evans and A. Smith, XIX. 110 †
- Bussola, Appunti storici intorno all' uso topografico ed astronomico della: T. Bertelli, XVI. 259 †
- Bussola nautica, origine della: G. A. Botto, XVIII. 238 †; Do., controversie intorno all': T. Bertelli, XX. 563 †, 564 †, 660 §
- Compas de Marine, Sur une théorie géométrique des: S. L. Ravier, XIII. 101 †
- Compass correction: H. M. W. P. Johnson, XVIII. 459 †
- in modern navigation: G. W. Littlehales, XI. 208 †
- used by D. Livingstone, XX. 547
- Deviation of: A. W. Reinold, VI. 201 †
- Compony river, Fr. Guinea—Kandiafara et le Compony: G. Paroisse, IX. 240 †
- Compton, T.: A Mendip Valley, its inhabitants and surroundings, I. 467 †
- Comyn, F.: Seamy side of Br. Guiana, VII. 445 †
- Concas, V. M.: Caravels of Columbus, III. 352 †
- Conder, C. R.: Palestine exploration, XII. 324 †; Zuallardo's travels, XIX. 654 †, 783 §
- Cone valleys and drainage, X. 479, 483
- Conferencias y escritos científicos: A. Aspiazu, XI. 205 †
- Configuration of the Earth's Surface: Lord Avebury, XV. 46 *
- Confucius—Plain account of life, *etc.*, of: E. H. Parker, IX. 680 †; In a mule

CONGO

- litter to the tomb of: A. Armstrong, VII. 440 †
- Conger, C. T.: Geography at World's Columbia Exposition, III. 130 *
- Congo: Region, River and State—**
- Âge de la pierre au Congo: X. Stainier, XIV. 227 †; Do. dans le Congo occidental: J. Cornet, XIII. 322 †
- Agriculture au Congo: E. Laurent, XI. 684 †
- Ancient Kingdom of Kongo: T. Lewis, XIX. 541 *
- Animaux domestiques au Congo: E. Meuleman, VII. 442 †; Do., de l'Etat Indépendant, XIII. 91 †
- Bibliographie du Congo, 1880-35: A. J. Wauters, VII. 213 †, 276 §
- Bilans congolais: A. Poskin, XVI. 249 †
- Caféier au Congo, La Culture du: E. Laurent, VIII. 530 †; Do. dans le Haut Congo: V. Bouckenoghe, XI. 453 †; Etablissement d'une plantation de: L. Gentil, XVIII. 109 †
- Cao: Padraos erected by, I. 68; XVI. 630
- Caoutchoucs du Congo, Quelles sont les plantes qui produisent les: E. de Wildeman, XVIII. 231 †
- Climate, X. 442; Climat, Constitution du sol et hygiène, XIII. 91 †; Climat et l'hygiène au Congo: Dryepondt, VIII. 417 †; Climatologie du Congo: A. Poskin, VII. 332 †; Court aperçu du climat du Congo: A. Lancaster, XIV. 459 †; XV. 193 †
- Codes congolais: A. Lycops, XV. 438 †
- Crystal mts.—Comment le Congo traverse la chaîne des monts de Cristal: A. J. Wauters, XI. 69 §, 198 †
- Congo doit être notre Java: J. Leclercq, X. 649 †
- Congo Free State: H. R. Fox Bourne, XVIII. 550 †
- Congogegebiet von wirtschaftlichen Standpunkte: E. v. Maurig, XIII. 680 †
- Congo Independent State, Report: Pickersgill, XII. 434 †
- Congo, Le: H. Droogmans, IX. 238 †
- au point de vue physique, politique et économique: Chaltin, VI. 195 †
- , conférence par P. Danco, IX. 576 †
- en amont des Falls et du Lomami: A. J. Wauters, VIII. 652 †
- : J. Scharffenberg, IX. 462 †
- State and its Critics: D. C. Boulger, XIII. 561 †

CONGO

CONGO

Congo—continued.

- Congo and the Bahr-el-Ghazal: E. D. Morel, XIX. 232 †
 —, or growth of civilization in C. Africa: D. C. Boulger, XIII. 560 †
 Congostaat, der: V. Levy, XIII. 561 †;
 Do., Belgischen: Id., XVIII. 456 †
 Congo-Zambezi water-parting: C. Lemaire, XIX. 173 *
 Currents of mouth of Congo river: H. E. Purey-Cust on, XVI. 349
 Districts of the State, VII. 203; Les districts de l'Etat, VII. 213 †
 Dwarfs, XVII. 39
 Erforschung des Kongo-Systems: A. Pahde, VII. 113 †
 Etat independant du Congo, XVII. 449 †; Do., Historique, etc.: A. J. Wauters, XIII. 561 †
 Experiment in commercial expansion: L. H. Courtney, XIII. 561 †
 Fall of the Congo Arabs: S. L. Hinde, IX. 340 †; X. 174 §
 Flood seasons and velocity of current, XX. 496
 Flore de l'Etat independant du Congo: T. Durand et H. Schinz, XI. 313 †
 Fuel and food supplies, XX. 497
 Geography of southern basin: Cornet's investigations, V. 171
 Geological history of Congo basin, J. Cornet on, VIII. 176; Géologie du bassin . . . : J. Cornet, X. 197 †;
 Do., d'après nos connaissances actuelles: J. Cornet, XX. 557 †;
 Géologie du Congo occidental: J. Cornet, IX. 462 †; XIV. 681 †;
 Travaux de J. Cornet sur le Congo, XI. 569 †
 Hausa Immigration, XI. 69
 Historique, diplomatique, etc.: A. Chapaux, X. 649 †
 Im Afrikanischen Urwald: F. Thonner, XIII. 322 †
 Impressions congolaises: P. Verhaegen, XIII. 680 †
 International beginnings of the State: J. S. Reeves, V. 283 †
 Kongo-Quellgebiet: H. Singer, XIII. 560 †
 Kongo-Quellengebietes, Zur Kenntniss des: H. Singer, XVII. 211 †
 Land of the Pigmies: G. Burrows, XIII. 215 †, 417 §
 Léopoldville am Stanley Pool, Die Entwicklung von, XVI. 699 †
 Lettre du P. Cambier, Les troubles de Luluabourg, VIII. 531 †
 Malaria au Congo, La prophylaxie de la: A. Boden, XVIII. 639 †
 Mobangi, Region of Upper: G. le Marinel, I. 469 †
 Mongalafuss in Centralafrika: F. Thonner, X. 649 †
 Navigabilité du bas Congo, IX. 105 †

Congo—continued

- Navigation à vapeur sur le haut Congo: A. J. Wauters, XVII. 449 †
 Nègres du Congo, Ma captivité chez les: Besson, XIV. 582 †
 Notices sur le Bas-Congo: H. Droogmans, XIX. 771 †
 Observations exécutées sur . . . l'Etat independant du Congo: A. Delaporte et L. Gillis, VI. 487 †
 Opérations Chaltin dans le Haut-Uelle: R. Dubreucq, XII. 631 †
 Orthography for Native Names, XII. 85
 Passage of river through W. highlands, XI. 69
 Photographs: G. Grenfell, XX. 570
 Population, A. J. Wauters on, XI. 551; Populations congolaises, Les Mangbettu: V. Levy, XV. 297 †;
 Population des rives du Congo, XX. 355 †; Populations errantes de l'Etat du Congo: A. Thonnar, XVIII. 550 †
 Reconnaissances géologiques . . . du Djoué et du Niari: P. Danzanvilliers, XI. 93 †
 Régime économique et fiscal de l'Etat independant du Congo: J. Plas et V. Pourbaix, XIII. 561 †
 — fonceier dans l'Etat independant du Congo: G. K. Anton, XVI. 580 †
 Région des bas-fonds de l'ancienne mer intérieure du haut Congo, XVI. 367 †
 Reprise du Congo: L. Navez, XII. 631 †
 Révolte des Batetela, XIII. 680 †
 River names, Cerekel on, XIII. 71
 Roches du Mont Bandupoi et du Haut Uellé, Notes sur des: J. Cornet, XX. 557 †
 Sources du Congo: A. J. Wauters, XVI. 580 †; XVII. 211 †
 Sources of Congo: C. Lemaire, XX. 355 †
 Steamers on, XX. 486
 Stromgeschwindigkeiten und Richtungen vor der Congo-Mündung am 15 April, 1902, XX. 467 †
 Telegraph Line, XII. 317; XVI. 229; XIX. 89
 Tsetse fly—Note sur la mouche tsétsé: Lemaire, XVIII. 109 †
 Twelve years' work on the Congo: D. C. Boulger, XII. 631 †
 Under-currents in river Congo, Report: H. E. Purey-Cust, XVI. 258 †, 349 §
 Upper Congo as a waterway: G. Grenfell, XX. 485 *
 Useful plants of the Congo region: A. Dewèvre, IV. 86 †
 Wamfumus, Le pays des, IX. 462 †
 Zebras, XVII. 40

CONGO

Congo—continued.

Boundaries—

Anglo-Congo, IV. 54; Anglo-French, XIII. 525; French, IV. 274; German (Kivu region), XVI. 105; Portuguese, III. 516

Anglo-Français et l'Etat du Congo, XIII. 680†

Partitions, IV. 54

Political Geography of Upper basin, V. 442

Commerce—

Commerce de l'Etat du Congo: V. Pourbaix, IX. 462†

Compagnie du Congo pour le Commerce, XV. 296†; XIX. 527†

— du Kasai, XIX. 527†

Trade, VIII. 170, 176; (F.O. Rep.), XIV. 459†; XX. 557†; Pickers-

gill's report, X. 441; XII. 434†

Explorations, I. 223*; XII. 190;

Belgian, VII. 203, XII. 614, XVIII. 622; Bia, Capt., I. 449*; Brasseur,

IX. 560; X. 637; Cao, XVI. 629†;

Carnap (from Kamerun), XI. 551;

Clozel (Congo and Shari), VI. 185;

Götzen, Count, V. 359; Katanga Co.,

II. 20; Lemaire, XI. 550; XII. 614;

XV. 534, 645; XVI. 684; XVIII.

511; XX. 340; Maistre (to Shari and

Benue), II. 323*; Mohun and le

Marinel (Upper), V. 80; Plehn,

XIII. 535; XIV. 444; XV. 420;

Rue, XVI. 562; Weatherley

(Upper), XVII. 308

Au Congo: A. Jullien, XI. 93†; Do.:

Tschoffen, VIII. 417†

Au Katanga: A. J. Wauters, XVII.

449†

Aux frontières du Congo: Kandt,

XVII. 448†

Bana-Bendi à Gallikoko, De: E.

Stache, IX. 560§, 576†

Clozel au Congo, VII. 214†

Dans la grande forêt de l'Afrique

centrale: F. Thonner, XV. 194†

Deux années . . . chez le Sultan

Rafai: C. de la Kéthulle, VII.

331†

Down the Congo from Uganda: A. B.

Lloyd, XIII. 561†

Expédition aux sources du Congo:

Lemaire, XVI. 249†

— Glorie de Riba-Riba au lac

Kivu, XIII. 303§, 680†

Exploration de la section septen-

trionale de la chaîne des Mitumba:

A. J. Wauters, XIX. 398†

Fra Kongo: F. Sundt, XIII. 322†

Glaves Reise vom Tanganjikasee zum

Kongo, XI. 93†; Do., von Nyangwe

nach Matadi, XII. 433†

Im Afrikanischen Urwald: F.

Thonner, XIII. 322†

Itineraries in Portuguese Congo: T.

Lewis, XIX. 526†

CONGO

Congo—continued.

Life and travel among the people of the: T. Lewis, XX. 354†

Manuel du voyageur et du résident au Congo, XI. 684†; XVII.

553†

Mission agricole et scientifique de

Bouysson, XI. 454†

— médicale au Congo: Drye-

pondt, XI. 459†

— scientifique du Katanga:

Lemaire, XVIII. 108†, 109†,

462†; XIX. 526†, 527†

Pioneering on the Congo: W. H.

Bentley, XVI. 367†; XVIII.

304§

Six years of adventure in Congo State:

E. J. Glave, I. 469†

Stanley Pool au Stanley Falls, Du:

C. Buis, XV. 193†

Three years' travel in Congo State:

S. L. Hinde, V. 426*

Travel and adventures in Congo

State: Bula N'Zau (H. Bailey),

IV. 282†

Upper basin of the Congo: Franqui,

III. 347†

Vingt-et-unième traversée de l'Afrique

centrale, XIII. 560†

Voyage de Puttkamer au Stanley

Pool et dans la Sanga, XIII.

679†

Maps—

Carte de l'Etat indépendant du

Congo: J. du Fief, VI. 493†; XII.

443†; A. J. Wauters, VIII. 310†;

IX. 92§; XIII. 71§, 322†; XV.

306†; XVII. 221†

— du Bas-Congo: H. Droogmans,

XIV. 565†; XVIII. 652†; XX.

678†

— . . . du chemin de fer du

Congo: A. J. Wauters, VII. 342†

Etat Indépendant du Congo, Mission

scientifique du Ka-tanga: Lemaire,

XVIII. 462†

Le Lomami Inférieur: A. J. Wauters,

XIX. 246†

Survey Map of S. part: J. Cornet,

IV. 286†

Railways, VIII. 499; XIV. 211; XIX.

374

Chemin de fer de Matadi au Stanley-

Pool: A. Thys, XII. 434†

— du Congo, VII. 563†;

XII. 631†; H. Lorin, XII. 631†;

XIII. 322†

— du Bas-Congo: A.

Montell, XII. 631†

Congo Railway: L. Trouet, XIII.

679†; completion, XI. 551; formal

opening, XII. 316; progress, V.

385; VI. 283; VII. 553; train

service, XII. 414

Lower Congo Railway, progress of,

XIV. 565

CONGO, FRENCH

- Congo, French (*see also* Congo Region, *ante*, and Africa, French W.)—
 Au Congo français: A. J. Wauters, XX. 557†
 Colonisation du Congo français: P. Bourdarie, XIV. 118†
 Concessions au Congo français, XIV. 118†
 Congo français: M. Aspe-Fleurimont, XIX. 399†; E. Blim, I. 84†
 ——— et la colonisation: P. Bourdarie, XVII. 553†
 ——— Notice sur le: M. Guillemot, XVII. 90†
 Conquête du Tchad, Mission Congo-Chari: M. Gentil, XVIII. 328†
 Dybowski's journeys, IV. 176
 Explorations, II. 264; on northern frontier: M. Lesieur, XVIII. 535
 ——— of the Bali: Fredon and Cadenat, XVIII. 535
 Formation de la colonie du Congo français: J. Ancel, XX. 557†
 Fourneau's Expedition, XIII. 535; XIV. 319, 565
 Frontière entre le Cameroun et le Congo, Violation de la, XIX. 400†
 Geographical work in, VII. 552
 Geology—Echantillons recueillis par M. le Dr. Herr: M. Barrat, VIII. 93†
 Haut-Oubangi, La: E. Decazes, VIII. 531†; Dans le, XIX. 528§; Du, vers le Chari: Julien, XIV. 681†; et le Gabon: Rouire, IX. 238†
 Haute Sangha: E. Cholet, VIII. 531†
 Itinéraire du Loango au Congo: J. Dybowski, I. 94†, 165§
 Likouala aux Herbes, Cours inférieur: E. Jobit, XVII. 91†, XVIII. 73§
 Maps—Atlas of coasts: H. Pobeguïn, IV. 95†; Congo français: Hansen, VII. 228†; Do., et Haut-Oubanghi: A. Courty, XIII. 102†
 Mille lieues dans l'inconnu: R. P. Trilles, XX. 355†
 Mission Chari-Sangha: V. Bernard and Dr. Huot, XVIII. 109†; Do.: Dr. Huot, XVIII. 109†
 ——— Clozel dans le nord du Congo français: Herr, VIII. 93†
 ——— Fourneau, XVI. 250†
 ——— Gendron au Congo français: E. Jobit, XVII. 553†; Do.: C. Loeffler, XVII. 553†
 Moyenne Nyanga: M. Roubaud, XIX. 528†
 Note sur les explorations de M. Perdrizet: C. Guy, XV. 438†
 Observations météorologiques recueillies par le Dr. Herr: Angot, VIII. 93†
 Ogooué et Como: M. Barrat, VIII. 531†
 Organization of, XVI. 684; Organisation du Congo français, XIV. 337†
 Ouango à Mobaye, De: M. Julien, XVIII. 109†

CONGRESSES

Congo, French—*continued*.

- Pauwel's explorations between Sanga and Ubangi, XIX. 639
 Problème du Wam: A. J. Wauters, XVI. 250†; XVII. 553†; XVIII. 109†; Question du Wam, XVII. 553†
 Railway project, XIII. 535
 Rapport sur l'exploration de la Haute-Kotto: Lieut. Bos, XX. 557†
 ——— sur une reconnaissance... entre Port-Sibut et Bangui: A. Rousset, XX. 125†
 Région du Chari et la Mission Gentil, XVIII. 109†, 456†
 Renseignements sur la région côtière: J. Bouysson, XIV. 118†
 Route du Tchad: J. Dybowski, II. 380†
 Sources du Chari, XVI. 251†
 Sultanats de M'Bomou: C. de Montrozier, XVIII. 328†
 Surveys and expeditions, XVII. 660
 Territoires du Chari et l'œuvre de M. Gentil: A. Bernard, XVIII. 109†
 Travels in, Mary W. Kingsley, VII. 95; Do., and ascent of Cameroons peak, IX. 682†
 Verwaltung des Schari-Gebietes: G. A. Kannengiesser, XVIII. 328†
 Voyage commercial: F. de Béhagle, VIII. 531†
 Congo Museum—Annales du musée du Congo, XIII. 561†; XIV. 566§
 Congresses—
 Congrès international de Géographie économique, XVII. 62†
 Geographical Congress and geographical education: C. Robertson, VI. 490†
 Geological Congress, Seventh International, VIII. 303
 French—at Lyons, III. 338; Congrès de Géographie de Marseille: P. Gaffarel, XIII. 100†; Congrès National des Sociétés françaises de Géographie, XI. 208†; XVI. 376†; Geographical section of Congress of learned societies, I. 265; Vœux du Congrès géographique de Lorient, IX. 116†; Vœux émis par le 22^e Congrès des Sociétés françaises de Géographie, XIX. 242†
 German—at Jena, IX. 451, 645*; of German scientists in Vienna, IV. 570; Eleventh, V. 589*; Deutsche Geographentag in Breslau: G. Kollm, XVIII. 460†; of German naturalists and physicians at Brunswick, XI. 304, 575†
 Italian, I. 284†; VI. 480† Congresso Geografico Italiano: B. Frescura, XIII. 101†; Secondo Congresso Geografico Italiano: L. F. de Magistris, XI. 576†; Quarto Congresso Geografico Italiano, XVIII. 649†; Terzo Congresso Geografico Italiano: L. F. de Magistris, XII. 547†; Do., Atti del, XVIII. 242†;

CONGRESSES

Congresses—*continued.*

Swiss, XIV. 347 †

International Geographical—

Eighth, XVIII. 542

Seventh, XI. 304; XIV. 690 †;

Arrangements for, XIII. 75, 200, 664; Plan of excursions, XIV. 86, 453 †; Proceedings, XIV. 537; Resolutions, XIV. 543; Bericht über die Internationalen Geographen-Kongresses, XV. 200 †, 448 †; Congrès international de Géographie de Berlin: A. Bernard, XV. 200 †; Congresso internazionale de Geografia de Berlin: E. J. Lluésma, XV. 558 †; VII. Internationale Geographenkongress: A. Supan, XV. 675 †; Internationale Geographenkongress zu Berlin: H. Wagner, XIV. 690 †; Rapport sur les travaux du VII^e. Congrès international de géographie tenu à Berlin: B. Auerbach, XVII. 327 †; Septième Congrès international de géographie à Berlin: J. Leclercq, XVI. 134 †, 260 †; Settimo Congresso Internazionale a Berlin: G. Dalla Vedova, G. de Agostini, F. Viezzoli, XV. 558 †; Souvenirs du VII^e. Congrès International de Géographie: A. de Claparède, XV. 558 †; Verhandlungen des Siebenten Internationalen Geographen-Kongresses, XVIII. 344 †

Sixth, V. 76, 177, 277, 369, 593; VI. 76, 183, 269, 497; Bureau of, VIII. 291, 294; French Govt. and, VI. 564; Report, VIII. 173, 290, 537 †; Resolutions, VIII. 291, 537 †; results, VIII. 1; Considerations for triangulation of Africa, V. 468; Programme of organizing committee, III. 220 †; Sechste Internationale Geographen-Kongress in London: L. Friederichsen, VII. 224 †; Do.: P. Paulitschke, VII. 685 †; Do.: R. Stern, XI. 576 †; VI. Congresso Geografico Internazionale: E. H. Glioli, VII. 340 †; Do.: G. Ricchieri, VII. 341 †; Memoria Sobre el VI. Congreso Internacional, etc.: R. T. Campos, VIII. 537 †; Rapports du Comité, etc.: E. Brückner, VIII. 534 †

Coningsby, R. J.: Discovery of gold in Australia, VIII. 193 †

Coniston lake; depth, IV. 238; H. R. Mill's survey, II. 165; VI. 138, 162

Connecticut—

History of slavery in: B. C. Steiner, II. 475 †

River system of: W. H. Hobbs, XIX. 91 §, 235 †

Some rivers of: H. B. Kummel, III. 533 †

CONSULAR REPORTS

Connecticut—*continued.*

State Map, as aid to study of geography, etc.: W. M. Davis, VIII. 312 †

Triassic formation of: W. M. Davis, VIII. 681 †

— river—

Flow of the Connecticut river: D. Porter, VIII. 192 †

Geographical features of the valley: W. Orr, X. 122 †

"Moodus Noises" in the valley, W. M. Davis on, XI. 301

Conolly, R. M.: Social life in Fanti-land, IX. 240 †

Conrad, H.: Le voyage d'Anthony Jenkinson, XIII. 89 †

Conradt, L.: Das Hinterland der deutschen Kolonie Togo, VII. 443 †; Die Ngumba in Südkamerun, XX. 467 †

Conrau, brothers: Surveys in N. Cameroons, IV. 458

—, G.: Beiträge über die Völker zwischen Mpundu und Bali, XIII. 93 †; Im Lande der Bangwa, XV. 439; Surveys in upper basin of Old Calabar R., XV. 281; Ueber das Gebiet zwischen Mundame und Baliburg, VII. 332 †; Von Mundame nach dem Berge Diungo, XIII. 93 †

Conrotte, D. M.: Colonias españolas en Africa, XVIII. 110 †

Constable: Hand Atlas of India, III. 79 †; Hand-Gazetteer of India: J. G. Bartholomew and J. Burgess, XI. 567 †

— and Stanford: Map of N.W. Frontier of India, II. 378 †

Constance, Lake of, Glacial action near, II. 364; Morphometry, IV. 264 *

Morphometrie des Bodensees: A. Penck, III. 529 †

On New Map of, etc.: Graf Zeppelin, III. 435 †

Report of German excursion to: A. Penck, IV. 375 †

Verbreitung der Thierwelt in Bodensee: T. Fuchs, XIX. 522 †

Constantin, J.: Essai de biologie géographique, XII. 103 †; Les végétaux et les milieux cosmiques, XI. 458 †

Constantinople—

Diary of an idle woman in: F. Elliott, I. 279 †

Karte der Umgegend: C. von der Goltz-Pascha, XIII. 102 †

Letters from: Mrs. M. Müller, X. 118 †

Mauern von Konstantinopel, XV. 435 †

Trade Rep., XIII. 676 †; XVIII. 634 †

Constellation-figures, Origin of ancient Northern: R. Brown, X. 345 †

Constellations, Easy guide to: J. Gall, XV. 672 †

Consular experiences in Turkey: E. Clayton, X. 548 †

Consular Reports, Indices, III. 76 †; XIX. 662 †

CONSUMPTION

- Consumption, Geogr. and climatic factor in: E. Hirschfeld, XVII. 219†
- Conte, J. le: On earth-crust movements and their causes, IX. 669, 685†
- Conti, N. de: description of inhabitants of Java, III. 407
- Continental growth and geological periods: T. M. Reade, III. 537†
- "Continent, The:" see Europe
- Continents, evolution of, VII. 231; XIV. 434; form of, XII. 528; permanence of, XIII. 233
- Areal und mittlere Erhebung der Landflächen: H. Wagner, VII. 218†
- Distribution of Oceans and; J. W. Gregory on, XII. 527
- Equilibre intercontinental: L. Drapeyron, XII. 640†
- Evolution of Oceans and Continents: A. J. Jukes-Brown, I. 186†
- Origin of—Grundriss einer exacten Schöpfungsgeschichte: H. Habenicht, VIII. 425†; Wave-like progress of an . . . uplift: W. Upham, IV. 380†
- Contour lines—Brevi considerazioni sull'impiego delle curve isometriche: O. Marinelli, XIV. 343†
- Maps, VI. 369; Entnahme von Höhen aus Karten mit Höhenlinien: P. Kahle, XV. 198†
- Conty's Practical Guides; Paris, XIII. 675†
- Conway, Sir M.: Journeys and ascents—in the Alps, VI. 478; Andes, XII. 193; XIII. 74; (Illimani), XII. 417; (Sorata), XII. 525; Karakoram, etc., I. 261; II. 491; Spitsbergen, VII. 555; X. 219
- Aconcagua and Tierra del Fuego, XX. 561†
- Alpine Journal, An, V. 85†
- Alps from end to end, VI. 482†
- Bolivian Andes, XVIII. 335†, 612§
- Climbing and explorations in Karakoram-Himalayas, IV. 85†; V. 88†
- Climbs in the Andes, XIV. 584†; XVII. 557†
- Conway Expedition to Spitzbergen: J. W. Gregory, VIII. 528†
- Crossing of Hispar pass, I. 131*
- Exploration in Bolivian Andes, XIV. 14*, 341†
- in Mustagh mts., II. 289*
- of the glaciers of Spitsbergen, XII. 137*, 637†
- First crossing of Spitzbergen, IX. 353*, 684†; X. 179§, 232†
- French architect in India, A (Review), I. 444*
- Hudson's voyage to Spitsbergen in 1607, XV. 121*; XVI. 256†
- Joris Carolus, discoverer of Edge I., XVII. 623*; XVIII. 460†, 545
- Letters—on Bear I., XIV. 328; on J. Carolus, XVIII. 545; on Nomencla-

COOK

- Conway, Sir M.—*continued.*
- ture of Karakoram peaks, I. 177, 370; Do. of Spitsbergen, XVII. 541; on Peak K₂, III. 527; on advance and retreat of sea-ending glaciers, XIV. 672; on formation of a lake in Nagar, X. 107
- Mountain Falls, V. 397†
- Notes on map of Cordillera of Bolivia, XV. 528*; XVI. 126†
- Photographs of S. Andes, XX. 372
- Physiological effects of high altitudes, I. 47
- Remarks—on "Do Glaciers excavate?" I. 503; on "Exploration in Canadian Rockies," XIII. 357; on "Explorations on and around Aconcagua," XII. 492; on "Southern Alps of New Zealand," VII. 501; on "Journeys in Pamirs and C. Asia," II. 399; on "Methods of survey employed by Chilean Boundary Commissions," XVI. 344
- Rise and fall of Smeerenburg, Spitsbergen, XVIII. 114†
- Some undeveloped resources of Bolivia, XV. 442†
- Some unpublished Spitsbergen MSS., XV. 628*; XVI. 373†
- Southern Andes: Orographical Sketch, XVI. 253†
- Spitzbergen, VI. 99†
- With ski and sledge over Arctic glaciers, XII. 216†
- , and D. W. Freshfield; Future of the Alpine Club, XVII. 565†
- "Conway" examinations in geography, II. 547
- Conwentz, H.: Ueber urwüchsige Eiben in . . . Deutschland, VIII. 647†; Zur Verbreitung des Moschusochsen . . . in Nordost-Grönland, XVII. 562†
- Coode, J. C., and W. Matthews: Dover Harbour Works, XVI. 363†
- Cook, Capt.: discovery of Great Barrier Reef, II. 540; earliest monument to, 435; monument, French, at Méréville, IX. 226; in N. S. Wales, XVIII. 446; in Southern Ocean, III. 6; Memento of death, XVI. 691; Memorial of observation of Transit of Venus, 1769, XVII. 536
- Capt. Cook and his first voyage: Sir H. W. Norman, VII. 336†
- Life and voyages of: C. G. Cash, XVIII. 342†
- Illustrations of botany of Cook's voyage round the world: Sir J. Banks and D. Solander, XVI. 254†
- Journal during first journey; ed. W. J. L. Wharton, II. 93†
- Memorial in Tahiti, Photographs of: F. Homes, XX. 570
- On the tracks of: E. E. Morris, XIX. 777†
- , F. A.: Discovery of Alexander I.

COOK

- and other islands, XVIII. 237 †; Ethnographical studies of N. Greenland, II. 312; People of the Farthest North, XIX. 660 †; proposed Antarctic expedition, III. 63; Through the first Antarctic night, XIV. 686 †; XVI. 703 †
- Cook, J. M.; obituary, XIII. 440
- , O.: Third Report of New York State Colonization Society, VII. 563 †; Who should go to Siberia? IX. 239 †
- , W. H.: Photographs of Alaska and Br. Columbia, XIX. 538
- Cook Archipelago, Annexation of, XVI. 565; H. Greffrath's account, VIII. 401; Report, 1899, XVI. 703 †; Trade, XVII. 79
- , Mt., or Aorangi, New Zealand, I. 35; VII. 486, 500; First and second ascents of Aorangi, VI. 585 †
- Cooke, Col.: Cadastral surveys, XV. 568
- : Coal crisis in Russia, XVI. 245 †
- , C. H.: Te Pito Te Henua . . . commonly called Easter I., XV. 670 †
- , J.: Handbook for travellers in Ireland, VIII. 415 †; XVI. 574 †
- Cool, W.: With the Dutch in the East, IX. 575 †; X. 98 §
- Coolgardie—
- Geological map: T. Blatchford and E. L. Allhusen, XIV. 695 †
- Map of Gold Fields: A. J. Vogan, VII. 688 †; of routes between, and Kimberley: Hon. D. Carnegie, XI. 579 †
- Notes on Gold Fields: C. Chewings, VII. 682 †
- Coolidge, W. A. B.: Ball's Alpine Guide, XII. 320 †, 573 §
- Biography of Christian Almer, XIV. 689 †
- Catena della Levanna, XIX. 391 †
- Chaine du Mont Blanc à travers les siècles, XX. 665 †
- Climbs in the Alps, 1865-1900 . . . XVII. 542 †
- Die deutschredenden Gemeinden im Granen . . . Bunde (Rhätien) der Schweiz, III. 434 †
- Fluchthorn and its Neighbours, IX. 547 †
- Guide to Range of the Todi, IV. 187 †
- Haute-Engadine et le Bregaglia à travers les siècles, V. 280 †
- Légende du Mont Iseran, XIX. 381 †
- Letter on ascents of Ixtaceihuatl and Popocatepetl, VIII. 304; on Hannibal's pass, XIII. 448, 669
- Massif d'Ambin, IX. 675 †
- de Scolette, XII. 91 †
- Noms de lieux dans la vallée de Saâs, X. 226 †
- Was ist eine "Erste Besteigung?" IV. 92 †
- Coolin Hills, Skye: W. Douglas on, XIII. 427; Glaciated valleys in: A. Harker, XIV. 224 †

CORA

- Coon Butte, Ariz.; origin, VIII. 75
- Coonley, Davenport, and Mancel: Photographs of Bahamas, XIX. 539
- Cooper, A. J.: New theory of stability of ships, X. 656 †
- , L. O.: Pioneering on Beira railway, XVII. 92 †
- Cooper, I., Bering Sea, IV. 251
- Co-ordination en Géographie, La: L. Drapeyron, XI. 461 †
- Coosa river: F. G. Bromberg, XVIII. 234 †
- Coote, C. H.; obituary, XIV. 99; Voyage from Lisbon to India, 1505-6, of Albericus Vespuccius, V. 402 †
- Copais, Lake of, and its environs: A. Philippson, III. 529 †
- Copan, Ruined city of: G. B. Gordon, XIII. 682 †
- and Quirigua, Graven glyphs of: M. H. Saville, VI. 393 †
- Cope, E. D.: Formulation of the natural sciences, VII. 685 †; Geographical distribution of Batrachia and Reptilia in N. America, IX. 342 †; Obituaries: P. Frazer and J. S. Kingsley, X. 343 †
- Copeland, R.: Austro-Hungarian map of Franz Josef Land, IX. 110 †; Besuch auf der Insel Titicaca, VI. 97 †; On revised map of Franz Josef Land, etc., X. 180 †; (letter from A. M. Brice), X. 336; (Note: A. Supan), XI. 439
- Copeland, W.: Letter on Rhodesian art, XIV. 101
- Copenhagen—
- Capital of Denmark: Danish Tourist Society, XVI. 242 †
- Free port, V. 484; Port-franc de Copenhague: A. Ferrière, XIV. 576 †
- Søkaarts-Archivets . . . Kaartsamling, VII. 119 †
- Copernicus—Copernic et les découvertes géographiques de son temps: A. Daubrée, VII. 569 †
- Copland river and valley, New Zealand, VII. 489, 500
- Copland-Crawford, P. W. G.: journey from Niger delta to Benue river, VII. 661; obituary, IX. 229
- Coppename expedition under J. Bakhuis, XVIII. 625; XIX. 758; XX. 656
- Copper and bronze in Cyprus, etc.: J. L. Myres, XI. 192 †
- Copper river, Alaska, XIX. 610; as route to Yukon Basin: C. W. Hayes, XII. 100 †; Delta: E. D. Preston, XV. 440 †; of Alaska: G. Davidson, XIX. 773 †
- , I., Kamchatka, IX. 323
- Coppermine river, N. Canada, XVIII. 254
- Coquilhat, Capt.: Monument to, VII. 557
- Cora, G.: Africa a base física, XIX. 245 †; America sud a base física, XIX. 247 †; Die Zigeuner, IX. 583 †; Europa a base física, IX. 118; Il territorio contestato tra la Venezuela e la Guiana Inglese, IX. 108 †; Nel Montenegro, XX. 240 †;

CORAL

resignation of professorship of geography, XI. 185; *Spedizione Artica di Fridtjof Nansen*, XIX. 405 †; *Spedizioni di R. E. Peary nella Groenlandia Nord*, V. 92 †

Coral formations—

Atolls, broadening of, C. Hedley on, XI. 573 †, 674 §; foundations of: W. J. L. Wharton, IX. 582 †

Boring, etc., on Funafuti, VIII. 642; IX. 562; X. 217; XI. 50; XII. 616; at Fiji, XIII. 199

Coral forms on Macclesfield Bank, V. 74
— mud of deep-sea deposits, XIX. 693, 698, 711

— reefs, origin, XIII. 35; structure, II. 544; in Fiji, A. Agassiz's examination, XII. 525; in Maldives (*q.v.*), Agassiz on, XIX. 480 †; Do., Gardiner on, XIX. 277 †; Pacific, VI. 328; Structure of, Report: W. J. Sollas, IX. 580 †; *Neuere Forschungen über die Korallenriffe*: R. Langenbeck, XI. 321 †

Corballis, J.: Topography made easy, XI. 205 †

Corbeiller, E. le: La question Jean Cousin, XIII. 570 †, 663 §

Corbett, J. E., and J. E. Drummond: Photographs of Spitzbergen, VII. 576

—, J. S.: Drake and the Tudor navy, XI. 527 §, 574 †

Corcelle, J.: Géographie du Département de l'Ain, XVII. 443 †; Géographie et l'éducation nationale, XII. 547 †; Grottes du Jura méridional, VII. 438 †; La Limnologie, XVII. 563 †; Michelet géographe, XII. 441 †; Tunnel du Simplon, XII. 202 †; Turin et la vallée d'Aoste, XIII. 210 †

Corcovado river, Expedition under P. Krüger and E. Rethwich, XII. 415; Ueber die Erforschung des Rio Corcovado: P. Krüger, XII. 635 †

Cordeiro, F. J. B.: Tropical hurricanes, XVI. 493 †

—, L.: Annotações históricas, XIV. 689 †; Batalhas da Índia, IX. 467 †; Bibliographia do Centenario da Índia, XX. 123 †; Biography: F. J. Ferreira do Amaral and Z. C. Pedrosa, XIX. 782 †; Descobertas e Descobridores, I. 91 †; Letter on Maskat, XI. 187; O premio da Gama, XII. 219 †; O ultimo padrão de Diogo Cão, IX. 114 †; obituary, XVII. 199

Cordey, C. de: Au Chili, XII. 214 †

Cordes, H.: Uebersichts-Skizze der Wasserstrassen West-China's, XV. 305 †

Cordia Abyssinica, XV. 108

Cordier, H.: Bibliographie des ouvrages relatifs à Formose, VI. 486 †; Biography of C. Schefer, XIII. 220 †; Centenaire de Barents, XII. 330 †; Centenaire de Marco Polo, IX. 468 †; Centenaire de Vasco da Gama, XII. 330 †; Collection

CORNET

Charles Schefer, XIII. 220 †; Description d'un Atlas Sino-Coréen, VIII. 91 †; Etablissements français dans l'Extrême-Orient, IX. 338 †; Etudes chinoises (1891-94), VI. 486 †; XV. 548 †; Fragments d'une Histoire des Etudes chinoises, VII. 338 †; Histoire des Relations de la Chine avec les Puissances occidentales, † XVIII. 548; XIX. 652; XX. 352; In Memoriam: Charles Ploix, VII. 223 †; L'Extrême Orient dans l'Atlas Catalan, VI. 486 †; Notice sur H. C. Rawlinson, VII. 119 †; Un précurseur: Hyacinthe Hecquard, XVIII. 460 †

Cordillera (*see also* Andes)—Sobre el verdadero significado de la palabra: R. A. Philippi, XII. 635 †

— Real, Bolivia, XIV. 15; action of rivers in, XIX. 16; mineral products, XIV. 18; flora of, XIV. 20, 32; geology, XIV. 31; Notes on map of: Sir M. Conway, XV. 528 †

Cordova—

Alturas tomadas en la provincia de Cordoba: O. Doering, XIV. 584 †

La Cuenca del Valle del Rio 1º en Cordoba: G. Bodenbender, IV. 378 †

La insolation en Cordoba: O. Doering, VI. 97 †

La llamira al este de la sierra de Cordoba: G. Bodenbender

Las manifestaciones del magnetismo terrestre en la provincia de Cordoba: O. Doering, V. 91 †

Soto á Villa Mercedes: O. Doering, XIV. 584 †

Corea: *see* Korea

Corentyne river, Guiana, XVII. 355

Coret, A.: Sur un appareil hydraulique . . . rotation de la terre, VII. 219 †

Corfu—

Corfu et les Corfiotes: A. de Claparède, XVI. 361 †

Wirtschaftsverhältnisse, XV. 434 †

Corinth Canal, opening, II. 261

—, Gulf of, cable fractures in, X. 271

Corkaginey, Ancient settlement in S.W. of Barony of: R. A. S. Macalister, XIV. 333 †

Cork Oak—Ueber die Korkeiche: E. A. Müller, XVII. 565 †; XVIII. 220 §

Cornell expedition to Greenland, VIII. 643

Cornell glacier, Margin of: R. S. Tarr, XI. 205 †; Former extension of: *Id.* X. 342 †

Corner, W.: Mitla: study of ancient ruins and remains, XVII. 451 †

Cornet, J.: A propos du récent tremblement de terre de la Belgique, VIII. 646 †; Bassin de la Haine, XX. 238 †; Congo-Zambezi water-parting, Views on, XIX. 174; Country around Kimpesse, VII. 553; Evolution de la Sambre et de

CORNETZ

- la Meuse, XV. 432 †; Geologischen Ergebnisse der Katanga Expedition, IV. 189 †; V. 171 §; Do. (map), IV. 286 †; Geological history of Congo basin, VIII. 176; Géologie du bassin du Congo, XI. 197 †; XX. 557 †; du Congo occidental, IX. 462 †; L'âge de la Pierre dans le Congo occidental, XIII. 322 †; Le sol du Katanga au point de vue agricole, III. 347 †; Roches du Mont Bandupoi et du Haut Uellé, XX. 557 †; Tanganika est-il un "Relicten-See"? VIII. 297 §, 417 †; Terrains anciens du Katanga, X. 121 †; Travaux sur le Congo, XI. 569 †
- Cornetz, V.: Le Sahara tunisien, XII. 210 †
- Cornwall-Jones, R. J.: British merchant service, XIII. 329 †
- Corniale, d'Obron et de Padrič, Grottes de: E. Boegan, XI. 87 †
- Cornish, C. J.: Outdoor life in Holland, X. 118 †
- , V.: Award to, XVI. 117; Application of study of waves to geography, XVII. 681 †; Cinematographing the Severn bore, XIX. 52 †; Desert sand-dunes bordering Nile delta, XV. 1 †, 438 †; XVI. 250 †; Formation des dunes de sable, XVI. 258 †; Formation of sand-dunes, IX. 278 †; (E. A. Floyer's notes on), XI. 559; Formation of wave surfaces in sand, XVII. 564 †; Grading of Chesil Beach shingle, XIV. 578 †; Kumatology, XIII. 624 †; remarks on "Plan of the earth and its causes," XIII. 250; on "Sub-Oceanic physical features off coast of W. Europe," XIII. 292; on "Teaching of geography in relation to history," IX. 439; Sand-waves in tidal currents, XVIII. 170 †; Sea-beaches and sandbanks, XI. 528 †, 628 †; XII. 329 †; Snow-waves, XVII. 537; Do. and snow-drifts in Canada, XX. 137 †; Waves: Lecture to young people, XIX. 380
- Cornoide, La: A. Sanchez, VII. 567 †
- Cornu, A.: Phénomènes . . . de l'atmosphère, VII. 568 †; VIII. 423 †; Physical phenomena of upper regions of atmosphere, XIII. 568 †
- Cornwall (*see also* Devon)—
- Earthquakes of, 1878: C. Davison, XV. 548 †
- Memorabilia, Ancient and modern: W. Colenso, XVII. 672 †
- Murray's Handbook, II. 472 †
- Roman ingot of Cornish tin: F. Haverfield, XVIII. 104 †
- Reduced Ordnance Survey map: Bartholomew, IX. 585
- Corona and Coronet, narrative of Amherst eclipse expedition to Japan: M. L. Todd, XVI. 592 †
- Coronado Expedition, 1540-42: G. P. Winship, X. 230 †; Expedition to

COSMOGONY

- Cibola or the "Seven Cities," XI. 71
- True route of Coronado's march: F. S. Dellenbaugh, XI. 455 †, 552 §
- Coronas, J.: Actividad sísmica en el Archipelago Filipino, XVII. 89 †; Erupción del Volcan Mayón, XIII. 678 †; XIV. 92 §; Observatorio de Manila, El Bagnio del 8 de Septiembre 1900 . . . XVIII. 326 †
- Correa, G.: Account of early French expeditions, XI. 81
- Correvon, H.: La vallée de Tourtemagne en Valais, XVI. 695 †
- Corries, formation of, IV. 571
- Corsair*, wreck of, off Taputea, VI. 337
- Corsica—
- Corsica revisited: D. W. Freshfield, V. 395 †
- to Charing Cross, From: W. P. Dodge, IX. 689 †
- Etude anthropogéographique: F. Ratzel, XIV. 453 †; XV. 58 §, 434 †
- Excursions en Corse: F. Noetinger, VIII. 306 †; XI. 447 †
- Guides-Joanne: Corse: P. Joanne, XIII. 87 †
- Korsische Städte: F. Ratzel, XIV. 577 †
- Notes on recent visit: R. Richardson, V. 395 †
- Studies in: J. M. Barry, I. 278 †
- Trade Rep., XVI. 243 †
- Corstorphine, Dr.: Dwyka beds of the Karroo, XX. 630; Former Ice-age in S. Africa, XVII. 555 †
- Cortese, E.: Sulla forma di alcune Coste della Calabria, X. 451 †
- Corthell, E. L.: Delta of Mississippi, XII. 100 †; Protection of shores against encroachments of the sea, XI. 449 †; Tampico harbour works, VIII. 532 †; Tehuantepec ship railway, VII. 444 †
- Corti, S.: Le Provincie d'Italia, II. 472 †; IV. 185 †; V. 279 †
- Cornisk, Loch, and the Coolin Hills, W. Douglas' explorations of, XIII. 427; Climbers' Camp at: W. Douglas, XIII. 319 †
- Corunna: Trade Rep. XIV. 113 †; XVI. 245 †
- Corvara, Monte, cone-slopes of, X. 422
- Cory, C. B.: Birds of Eastern N. America, XV. 553 †
- Coryndon, R. T.: XVII. 130, 587; Expedition to Lake Tanganyika, III. 425; remarks on "Journeys in Linyanti region," XVII. 587
- Cosa, J. de la: Map of the World, 1500, I. 287; Map showing Cabot's discoveries, IX. 609, 616; Cosa y su Mapa-Mundi: Conde de las Navas, VII. 683 †
- Cosmas, Christian topography of: J. W. McCrindle, XI. 322 †
- Cosmogony—Kant's, ed. W. Hastie, XVII. 681 †; XVIII. 80 §; Mathematical notes to rival theories of: V. Fischer, XVIII.

COSMOGRAPHICAL

- 647 †; Nouvelle théorie cosmogonique: A. Duponchel, VII. 220 †; IX. 689 †; XIV. 125 †
- Cosmographical tractate in the Irish language: M. H. Close, XIX. 406 †
- Cosquing, R. du: De la baie d'Along à Quang-Tchéou-Wan en 1899, XVII. 87 †
- Cossu, A.: Il concetto di geografia presso Strabone, XV. 90 †; Ricerca antropogeografica sull' isola di Sardegna, XI. 681 †; XVIII. 227 †
- Costa, F.: Quarto Centenario do descobrimento da India, IX. 460 †
- , G. da: Gaza, 1897–1898, XIV. 682 †; XVI. 350 §; Notas para o Dicionario Chorographico . . . de Moçambique, XIX. 108 †
- , J. de: A ilha de S. Vicente, VIII. 417 †
- Costantini, G. C.: Come la geografia, nell' insegnamento elementare, etc., XVIII. 242 †
- Costa Rica—
- Besuch bei den Guatusos in Costarica: K. Sapper, XV. 441 †
- Chirripo- und Talamanca-indianern von: K. Sapper, XV. 442 †, 669
- Costa Rica: G. E. Church, X. 56 *
- : R. Villafranca, X. 457 †
- Historical and geographical map: D. M. de Peralta, I. 95 †
- Interoceanic communication, XIX. 318, 324
- Journeys in, K. Sapper's, XV. 284; H. Pittier's, I. 184 †
- Mission française dans le Nord du: Baron Hulot, XVIII. 644
- Notes on geography of: P. de Fabrega, II. 475 †
- Primer ensayo de un mapa de la declinacion magnética en Costa Rica: E. Pittier, XVIII. 336 †
- Railways, X. 75
- Republic of Costa Rica: J. B. Calvo, VII. 681 †
- Trade Rep., XVIII. 644 †
- and Colombia—Boundary, X. 57; XVI. 564; Arbitrage entre, XVIII. 113 †; Grenzstreit zwischen: E. Seler, XVII. 324 †; Limites entre: M. de Peralta, XVII. 94 †; Do.: F. Silvela, XV. 669 †; Los "Geographische Mitteilungen" y la Frontera entre, XIX. 109 †; Neue Grenze (map, Peterm. Mitt.), XVII. 569 †
- Coste, L.: Les transformations du Montpelier, etc., III. 529 †
- Costermans, Lieut.: Le District du Stanley-Pool, VI. 195 †
- Cota Indians of Mexico, VI. 431
- Cotagaita, river and town, Bolivia, III. 113
- Côte d'Or, Cavernes de la: C. Drioton, X. 546 †; Relief dans le département de la: L. Collot, V. 604 †

COURANT

- Cotes, A. R.: Westward from the Golden Gate, XIX. 105 †
- Cotgreave, A.: Contents-subject index to general and periodical literature, XI. 689 †
- Coto or Orejon Indians of Rio Napo, III. 482
- Cotopaxi volcano, Andes, XVII. 341
- Cotteau, E.: biography, IX. 346 †
- Cotteswold Hills, Geological structure, II. 527; Limits, XVIII. 530
- Cottius, Le Royaume de, etc.: R. Rey, XIII. 556 †
- Cotton, F. C.: Irrigation in India, XVI. 697 †
- , Capt. R., Spoon of, II. 556
- Cotton—Cotton plant, its history, etc.: C. W. Dabney, IX. 347 †; Culture du coton dans le monde: A. Lederlin et L. Gallois, XII. 440 †; Report on climatology of: P. H. Mell, II. 187 †, 462 §; Production du coton dans le monde: V. Charlier-Tabur, XVIII. 241 †; trade in Manchuria, IV. 549; in Shan States, XIV. 390
- Cotton or Anglo-Saxon Map, XV. 131, 133
- Cotton-tail, Geographical distribution of: O. Bang, VII. 334 †
- Cottrell, W. H.: Notes on mineral resources of Island of Milo, III. 55
- Couarde, G.: Skizze über Mayotte, XV. 82 †
- Coubertin, Baron P. de: French view of the British Empire, XI. 208 †; Problem of Central Europe, XVIII. 630 †
- Coucheron-Aamot, W.: 2500 kilometer opover Yangtse Kiang, VII. 111 †
- Coudenhove and Hoyos, Counts, Journey in Somaliland, IV. 363, 377 †
- Coudray, L. du: Madagascar . . . économique, XVI. 251 †
- Coudray la Blanchère: L'Aménagement de l'eau . . . dans l'Afrique ancienne, XI. 197 †
- Coudreau, H.: Aperçu général des Tumac Humac, II. 475 †; Chez nos Indiens, . . . Guyane française, II. 380 †; Coudreaus Schingüreise: K. von den Steinen, XIII. 95 †; obituary, XV. 290; Voyage au Tocantins-Araguaya, XI. 318 †; Voyage au Trombetas, XVI. 490 †; Voyage au Xingü, IX. 93; X. 216; XIII. 457 †; Voyage au Yamunda, XV. 84 †; Voyage entre Tocantins et Xingü, XIV. 230 †
- Coues, E.: Expeditions of Z. M. Pike to Headwaters of the Mississippi, VII. 444 †
- Coulin, H. L.: Aperçu sur la topographie en Suisse, V. 87 †
- Coulman L., Antarctic, V. 588; XVII. 487
- Coupe de Jaujac, The: T. Anderson, XIX. 392 †
- Courant, M.: Stèle chinoise du royaume de Ko Kourye, XII. 430 †

COURBOIN

- Courboin, A.: Chez les Indiens, . . . séjour dans l'Amazonie, XVII. 679†
 Couronnel, Comte de: Le "Blue Book" . . . sur Fachoda, XIII. 92†; Notes sur le Maroc, XII. 98†
 Courtaux, E.: and F. V. Guzmán: Tratado de Geografía Commercial, XVI. 591†
 Courtellemont, G.: visit to Mecca, V. 167†; Voyage à la Mecque, VI. 294†, 485†
 ———, Vandelet, and others: L'Indo-chine, etc., XIX. 524†
 Courtet, E.: Notes sur Tamatave, XII. 325†
 Courtney, Hon. L. H.: Experiment in commercial expansion, XIII. 561†; Jevons's coal question, XI. 309†
 Courty, A.: Carte du Congo français et Haut Oubanghi, XIII. 102†
 Courty, F.: Climatologie bordelaise de l'année 1899 . . . XVII. 544†; Régime de la température dans la Gironde, XVII. 206†
 Cousin, J.: D. C. F. Duro, IV. 91†; La question Cousin: E. le Corbeiller, XIII. 570, 663§
 Coventry, early importance of, X. 526
 Coville, F. V.: Sage Plains of Oregon, IX. 241†; Willows of Alaska, XIX. 108†
 Cowan, M. D.: biography: A. Miessler, VII. 389†
 Cowen, E. W.: Across the Lapland Alps, XVII. 318†
 Cowles, H. C.: Ecological relations of vegetation on Sand-dunes of Lake Michigan, XIV. 683†, 668§; Physiographic ecology of Chicago, XIX. 235†
 Cowper, H. S.: Hill of the Graces, XI. 94†; Journey in Tripoli, VI. 384†; Notes on a journey in Tarhuna and Gharian, VII. 150*; (Further notes), IX. 620*;
 Through Turkish Arabia, III. 347†
 Cox, H.: United Kingdom and its trade, XX. 352†
 ———, J. G. Snead: see Snead Cox
 ———, P. Z.: Genealogies of the Somál, IX. 239†; Overland journey from Persian gulf to Maskat, XX. 452
 ———, W. G.: Artesian Water-supply of Australia, XIX. 560*; Water Supply of Australia, XIX. 530†
 Cozens-Hardy, W. H.: Election to geographical studentship, I. 354†; Frontiers of Montenegro, VIII. 188†; Investigations in Montenegro and Albania, II. 26, 484†; Montenegro and its Borderlands, IV. 385*; Mountains of Montenegro and Albania, VI. 292†
 Crabtree, W. A.: Former Roman Catholic mission on Upper Nile, XIX. 232†
 Cracow — Journey from Krakow to Coblenz: G. A. Cole and E. New, IV. 84†
 Cradle Hole cave, Ireland, X. 502
 Crafts, H. A.: Irrigation engineering in Colorado, XI. 455†

CREDNER

- Crags and Craters . . . Réunion: W. D. Oliver, IX. 239†
 Craigie, P.: Address to economic section of British Ass., XVI. 705†; Subjects discussed at International Statistical Institute, XII. 220†; remarks on "Fragment of the Geography of England," XV. 376
 Craik, H.: Swift; selections from his works, with life, etc., II. 382†
 Crammer, H.: Bedding, foliation, and movement of glacier ice, XIX. 512†; Eishöhlen- und Windröhren-Studien, XIV. 345†
 ——— and R. Sieger: Untersuchungen in den Otscherhöhlen, XIV. 221†
 Crampel, P.: E. Labroue, XVII. 218†; Mission: A. Nebout, I. 470†
 Crater Lake, Oregon, XI. 182§, 202†; (J. S. Diller), IX. 579†; XIV. 341†
 ——— lakes north of Lake Nyasa: D. Kerr-Cross, V. 112*
 ——— slopes and drainage, X. 479, 480
 ——— types in Mexico and Guatemala: C. Sapper, IV. 67, 90†
 Crau, La: A. Rainaud, I. 278†
 Craufurd, C. H.: Jubaland Province, VIII. 652†; Journey in Gosha, etc., IX. 54*
 Craven district of Yorkshire, Limestone knolls of: J. E. Marr and J. R. Dakyns, XV. 78†
 Crawford, A.: Our troubles in Poona and Deccan, XI. 312†
 ———, D.: C. African place-names, II. 68†; Photographs, Lake Mweru, XIV. 352†; of Garenganze country, etc., XII. 112†; visit to lake Bangweolo, XI. 180†; to lake Mweru, IV. 460
 ———, J.: Cerro Viejo and its volcanic cones, VII. 334†; Hydrographic area of Rio Wanque in Nicaragua, II. 281†
 ———, J. M.: Industries of Russia, English translation, III. 158†, 250†
 ———, R. F.: Food supply of U. K., XVI. 121†, 220§; Notes on food supply of U. K., Belgium, etc., XV. 433†
 Crawford Mappemonde reproductions: C. R. Beazley, XII. 575§
 Crawshaw, R.: Journeys in Angoni country, III. 59†; Kikuyu: Notes on country, people, etc., XX. 24*
 Creagh, B. P.: Wrecks and casualties in Indian waters, V. 403†; XI. 451†
 Creak, Capt. E. W.: General bearings of magnetic observations, XI. 104†; Remarks on "Southern Cross expedition," XVI. 412
 Crease, J. F.: Ceuta and Gibraltar, XX. 240†
 Credner, H.: Armorika, XVIII. 631†
 ———, R.: Das Eiszeit-Problem, XX. 674†; Evolution of the Baltic, VII. 425†; Lage, Gliederung, etc., der Insel Rügen, XVII. 206†; Reiseskizzen aus dem Ural und dem Kaukasus, XI.

CREE LAKE

- 566 †; Rügen, Eine Inselstudie, II. 378 †; III. 56 §; Ueber das Colorado-Plateau zum Grand Cañon, VII. 216 †; Ueber die Entstehung der Ostsee, VII. 220 †; Ueber die geologischen Wirkungen des Windes, XIX. 532 †; Ueber die Ostsee und ihre Entstehung, VI. 586 †
- Cree lake, N. Canada, IV. 437
- Creechbarrow in Purbeck: W. H. Hudleston, XX. 351 †
- Creighton, Rt. Rev. M.; on regional geography, IX. 565; Story of some English shires, XII. 322 †
- Crepv, P.: Vingt ans de présidence de Soc. Géogr. de Lille, XVI. 132 †
- Crescent, A.: L'île de Cuba, XI. 100 †
- Cretan insurgents, Amongst the: E. N. Bennett, XI. 565 †
- Crete—
- Chrétiens et Musulmans dans l'île Crète: E. Ardaillon, X. 225 †
- Crète, La: H. Hauteceur, IX. 336 †
- Crete and the Cretans: E. Dillon, IX. 677 †
- Crète autonome, La: E. H. Moguez, XIV. 455 †
- Correspondence respecting affairs of, XII. 428 †; XIII. 452 †; XIV. 223 †
- Exploration of: D. G. Hogarth, XVII. 545
- Kreta: O. Canstatt, IX. 677 †
- L'île de Crète: A. de Ceuleneer, X. 453 †; Do.: P. Combes, X. 453 †; Do.: E. Chambeiron, X. 548 †
- Maps—île de Crète (Service Géol. de l'Armée), XVII. 684 †; Insel Candia oder Creta: Spratt, IX. 584
- Mission de MM. Ardaillon et Cayeux, XIX. 212 §, 523 †
- Rapports tectoniques entre la Grèce et la Crète: L. Cayeux, XX. 350 †, 450 §
- Report by H. M. Commissioner, XIV. 675 †
- With the International field force in: H. C. C. D. Simpson, XV. 661 †
- Crète-Sèche, Les débâcles au glacier de: P. L. Mercanton, XV. 190 †
- Crevaux, J.: Expedition on the Pileomayu, VII. 83
- Crimea—
- Crimea in 1854 and 1874: Sir E. Wood, V. 86 †
- Highest summit in, I. 62
- In the Haunted Crimea: M. M. Norman, XVI. 363 †
- Sols de la Crimée: N. Bogóslowsky, XII. 322 †
- Crisi mound, Italy, X. 427
- Crispin, E. S.: "Sudd" of White Nile, XX. 318 *
- Croad, H.: Choma division of Mweru district, XI. 617 *
- Croatia—
- Meteorologijski odnosi na Sljemenu god: A. F. Gavazzi, III. 248 †

CROSS-STAFF

- Croatia—continued.
- Orometrie des Lika-Cacka oder Oberkroatischen Hochlandes, etc.: K. Franić, V. 278 †
- Plitvicer Seen in Kroatien: F. Umlauf, XII. 623 †
- Rainfall of: A. F. Gavazzi, III. 248 †
- Svicaee in Kroatien: H. von Hranilović, XVII. 206 †
- Tornado at Novska, etc.: A. Mohorovičić, III. 435 †
- Constants of mean daily temperature in: A. F. Gavazzi, III. 248 †
- Crochères, Histoire d'un forêt communale: E. Picard, XV. 546 †
- Crofton, H. T.: Vestiges of village communities in England, IV. 58, 84 †
- Croglin gorge, Lake District, VII. 610
- Crohamhurst, Queensland, Great rains in: observations, I. 554
- Cromer, Lord: Reports on Egypt and Sudan, XVI. 102; XVIII. 328 †, 441 §
- Cromlechs in Co. Clare, Distribution of: T. J. Westropp, XI. 309 †
- Crommelin, A. C. D.: Adaptation of Major Grant's method of predicting occultations . . . XX. 362 †
- Cronau, R.: Amerika, . . . Entdeckung von der ältesten bis auf die neueste Zeit, I. 377 †
- Crook, A. R.: Ascent of Mt. Orizaba, XX. 670 †
- , H. T.: Orthography, etc., of names for national maps, XII. 383; XIV. 691 †; Report . . . on sale and distribution of Ordnance Survey maps, IX. 348 †
- Crooke, W.: N.W. Provinces of India, X. 120 †; XI. 663 §; Do., Tribes, etc., X. 120 †; Popular religion and folklore of N. India, IV. 187 †
- Crookes, Sir W.: Address, XIV. 346 †; Diamond mines of Kimberley, IX. 576 †
- Crooks, J. J.: Short history of Sierra Leone, XVII. 677 †
- Crookshank, A. A.: Photographs of Kashmir, XX. 477 †; Survey of Gohna land-slip, IV. 168
- Crosby, O. T.: Abyssinia, country and people, XVII. 552 †; Journey from Zeila to Khartum, XVIII. 46 *, 551 †
- , W. O.: Geology of Boston basin, V. 284 †; XVII. 557 †
- Cross, Cape: Cao's padroes at, XVI. 633
- Cross river, S. Nigeria, XX. 88; Sir C. Macdonald's journey up, III. 142
- Crosse, W. H.: Blackwater fever, XIV. 236 †; Medical notes for explorers, XII. 331 †; Treatment of Malaria and Blackwater fever, XIV. 125 †; remarks on "Expedition to Borgu," VI. 226
- Cross-staff, II. 175; Der Jakobstab: A. Schück, IX. 111 †; Do. als Hilfsmittel geographischer Ortsbestimmung: S. Günther, XI. 572 †

CROSTHWAIT

- Crosthwait, H. L. and E. Roberts: Tides for Indian ports, †XV. 192; XVII. 88; XX. 242
- Crotta, S.: Profili batometrici dei laghi Briantei e del lago del Segrino, IV. 469 †
- Crova et Houdaille: Déterminations actinométriques au Mont Blanc, IX. 244 †
- Crow, F. E.: English enterprise in Persia, IX. 237 †
- Crowfoot, J. W.: Survivals among Kapadokian Kizilbash, XVIII. 326 †, 440 §
- Crowley's Ridge, Geographic development of: C. F. Marbut, VII. 333 †
- Crowns glacier, Spitzbergen, XII. 141
- Crowther, H.: Holland, XII. 92 †
- Crowther, Cape, Franz Josef Land, XI. 125
- Crow-wing Trail, The old: Hon. J. Schultz, IV. 378 †
- Croydon goldfield, Queensland: W. H. Rands, XI. 456 †
- Crozet Is.—Notice sur les îles Marion et Crozet: G. Sébille, XX. 123 †
- Crozier, Cape, S. Victoria Land, XVII. 491
- Cruikshank, E.: Early traders and trade routes, VIII. 311 †; Journal of W. Butler, VIII. 312 †; Memoir of do., IX. 115 †
- , J. W. and A. M.: Umbrian towns, XIX. 394 †
- Cruls, L.: Climat du Brésil, IX. 108 †; Commission d'exploration du plateau central du Brésil, VII. 115 †
- Crummock Water, depth, etc., IV. 238; Survey, II. 548; VI. 68, 70, 162; origin, VII. 618
- Crust movements, G. Conte on, IX. 669
- of the globe and its disturbances: J. Lobley, XII. 439 †
- torsion, Origin of land-forms through: M. M. O. Gordon, XVI. 457 *
- Crustal shortening, Estimates and causes of: C. R. Van Hise, XI. 573 †
- Cryptobronchus japonicus, VII. 137
- Crypto-depressions of Europe, J. Cvijić on, XX. 99 §, 119 †
- Crystallography, Use of Globe in study of: J. Y. Buchanan, VIII. 423 †
- Csánki, Dr.: Körösmegye a XV-ik Században, Szekfoglaló Ertekezés, III. 343 †
- Csober lake, Tatra, II. 257
- Cuba—**
- Archæology of: D. G. Brinton, XIII. 324 †
- Bituminous deposits S. and E. of Cardenas: H. E. Peckham, XVIII. 554 †
- Bibliography (books and maps): A. P. C. Griffin and P. L. Phillips, XII. 327 †
- Census report, XVII. 453 †; XVIII. 209 †; Results: H. Gannett, XVI. 491 †

CUINET

Cuba—continued.

- Commercial Cuba: W. J. Clark, XIII. 682 †
- Cuba: R. T. Hill, XII. 327 †
- and her struggle for freedom: F. Lee, XII. 215 †
- and Porto Rico, Topography, etc.: R. T. Hill, XIII. 325 †, 539 §
- contre Espagne: E. J. Varona, IX. 465 †
- , son avenir, XVII. 94 †
- und die Spanische Kolonisation: E. Boetticher, VIII. 193 †, 421 †
- Cuban insurrection: G. C. Musgrave, XII. 437 †
- Geography of: T. W. Vaughan and A. C. Spencer, XX. 360 †
- Ile de Cuba: A. Crescent, XI. 100 †; Do.: J. du Fief, X. 457 †
- Independence of: A. G. Pérez, XIV. 230 †
- Industrial Cuba: R. P. Porter, XIV. 230 †
- Insurrection Cubaine: G. Vasco, XII. 437 †; L'Insurrection de Cuba, et les intérêts de l'Espagne, IX. 343 †
- Island of Cuba: A. S. Rowan and M. M. Ramsey, XII. 636 †
- Maps—Carte générale de l'île de Cuba: V. M. Amabile, X. 126 †; Indexed pocket map (Rand, McNally and Co.), XIX. 246 †; Military Map (U.S. War Department), XIII. 574 †; Military telegraph lines (U. S. War Department), XIV. 239 †
- Mineral resources: R. Cabrera, XII. 436 †
- Question Cubaine, La: V. M. Amabile, IX. 683 †
- Santiago de Cuba: C. de Lassalle, XII. 437 †
- Spaniards in: A. G. Pérez, XII. 437 †
- Trade Rep., XVI. 585 †; XIX. 110 †
- United States and Spain in, XII. 437 †
- Cucalon, I.: Factores que más han contribuido à los descubrimientos geográficos, XIX. 661 †
- Cuenca: Caminos romanos de la provincia de, por D. Santa Maria: D. F. Coello, XII. 94 †
- Cuénot, H.: Autour de Sainte-Croix (Jura Suisse), IX. 337 †
- Cuervo Marquez, C.: Prehistoria y Viajes, IV. 284 †
- Cuestas, Drainage of: W. M. Davis, XV. 302 †
- Cueva del Drach, Majorca, X. 510; Cueva del Drach à Majorque: E. A. Martel, XIII. 319 †
- Cugnin, E.: L'heure et la longitude universelles, XIII. 459 †; XIV. 586 †
- Cuillin: see Coolin
- Cuinet, V.: Syrie, Liban et Palestine, XII. 209 †; XVII. 675 †; Turquie d'Asie, II. 379 †; III. 252 †; IV. 86 †,

CUITZEO

- 470 †; V. 508 †; VI. 582 †; VII. 281 §;
XVI. 248 †
Cuitzeo lake, Mexico, VI. 425
Culebra, Port, Costa Rica, X. 61
Culiacan river, sugar-mill on, VI. 436
Culin, S.: Mancala, National game of
Africa, X. 649 †
Cullam, J. E.: Climatology of Valencia I.,
IX. 235 †
Cullen, E. A.: Removal of Lytton rocks,
Brisbane river, XVII. 213 †
Cullum medal awarded to Peary, IX. 224
Cuma, Italy, X. 420
Cumberland, C. S.: Sport on Pamirs and
Turkistan steppes, VI. 174 †
Cumberland—Notes on glacier moraines
in Cumberland and Westmoreland: W.
Brookbank, VI. 482 †
——— Bay, S. Georgia, XX. 407
——— Plateau, Ky., U.S., XVII.
589
Cundall, F.: Jamaica cartography, IX.
683 †; Jamaica in past and present, VII.
335 †
Cunene: *see* Kunene
Cunha, J. G. da: Origin of Bombay,
XVII. 446 †; Portuguese in S. Kanara,
IX. 236 †
Cunningham, Major: remarks on "Nupe
and Ilorin," X. 372; on "Two years'
travel in Uganda," etc., IX. 391; on
"Visit to N. Sudan," VIII. 355
———, Sir A.: Mahabodhi or
Great Buddhist Temple, etc., II. 89 †
———, D.: Estuary of the Tay,
VII. 110 †
———, G. C.: Scheme for Imperial
Federation, VII. 223 †
———, Sir H. S.: Indian famines,
IX. 575 †
Cunow, H.: Die Verwandtschafts-Organis-
ationen der Australneger, IV. 379 †
Cuny, C.: De Libreville au Cameroun,
IX. 341 †
———, L.: La conquête du Touat et le
Maroc, XVIII. 551 †
Cupet, Capt.: Voyages au Laos et chez
les Sauvages du sud-est de l'Indo-
Chine, XVI. 248 †, 473 §
———, Friquignon, de Malglaive, et
Seauve: Indo-Chine, carte de la Mission
Pavie, XX. 677 †
Curraço, Trade Rep., † XIII. 217; XIV.
462; XVI. 254; XVIII. 336
Cureau, Dr.: Map of Upper Ubangi,
XVII. 74; Surveys on Nile-Congo
Watershed, XIII. 69
Curran, J. M.: Occurrence of precious
stones in N. S. Wales, X. 652 †
Currents: *see* Oceanography, and Rivers:
also under specific oceans, seas, and
rivers
Currie & Co.: Castle Line Atlas of S.
Africa, V. 287 †; XI. 210 †
———, P. W.: Ancient drainage at
Niagara Falls, XVIII. 642 †

CVIJIĆ

- Curtin, M. H.: Geographical definitions,
XVI. 260 †
Curtis, G. C.: Model of seashore
characteristics, XII. 439 †
——— and J. Woodworth: Nantucket a
morainial island, XIV. 340 †
———, W. E.: Authentic letters of
Columbus, VII. 377 †; On pre-Columbian
voyages to America, III. 350 †, 426;
Road to Bolivia, XVI. 490 †; Vene-
zuela, her government, etc., VII. 445 †;
IX. 580 †
Curtius, E., and J. A. Kaupert: Karten
von Attika, XVI. 496 †
Curzon, Lord: Ancient monuments in
India, XVI. 577 †; Journeys in Fr.
Indo-China, II. 97*, 193*; letter on
etymology of Makran, VII. 557; on
source of the Oxus, XIII. 441; medal
awarded to, V. 572; Pamirs and source
of the Oxus, VIII. 15*, 97*, 239*;
Problems of the Far East, V. 281 †;
Recent journey in Afghanistan, VIII.
308 †; remarks on "Chitral, Hunza,
and Hindu Kush," V. 424; on
"Journeys in Pamirs and C. Asia,"
II. 401; on receiving Patron's medal,
VI. 72; visit to source of the Oxus, IV.
563
Cushing, F. H.: Exploration of ancient
... remains ... Florida, XI. 201 †;
on Cis-Salwin States, VII. 590
Cusate Forelands: F. P. Gulliver, X.
554 †; Do., wave-formed: R. S. Tarr,
XII. 97 †
Cussec: Les micro-organismes de la mer,
XIII. 686 †
Cussen, L.: Notes on Tongariro-Ruapehu
volcanoes, I. 570 †
Cust, R. N.: Africa in 1897, X. 649 †;
African philology to 1893, II. 563 †;
Linguistic and oriental essays, VI. 587 †;
XII. 106 †; on election of ladies, I. 79;
Royal Asiatic Society of Great Britain
and Ireland, XIX. 663 †
Cutch, Sand-dunes in, IX. 305; Super-
ficial deposits in: J. F. Blake, X. 119 †
Cuttriss, S. W.: Notes on caves of York-
shire, XII. 626 †; XIV. 658; XV. 78 †
Cuvier, M.: Essay on theory of the earth;
trs. R. Kerr, II. 383 †
Cuyabá, S. America, XII. 392
Cuylenburg, J. van: Map of Singapore
dependencies, XIX. 786 †
Cuyuni: *see* Kuyuni
Cvijić, J.: Das Rila-Gebirge und seine
ehemalige Vergletscherung, XIII. 87 †,
427 §; Die Macedonischen Seen, XVI.
246 †; Explorations of Scutari lake,
XIX. 211; Forschungsreisen auf der
Balkan-Halbinsel, XX. 238 †; Karst-
Phenomena, III. 321 §; La forme de la
péninsule des Balkans, XVII. 84 †; La
grande grotte de Douboca, VII. 439; La
période glaciaire dans la péninsule des
Balkans, XVI. 483 †; Les Crypto-

CYCLADES

- dépressions de l'Europe, XX. 99 §, 119 †; Morphologische und glaciale Studien aus Bosnien, der Hercegovina und Montenegro, XVI. 483 †; on poljes in Karst district, XX. 429; on snow-line in Balkans during glacial epoch, XIII. 655; on structure of Balkan penins.: K. Peucker, XIX. 735; Researches in Balkin penins., IX. 87; in Macedonia, XV. 417; XVI. 215 *
- Cyclades—Geologische Karte der Kykladen: A. Philippson, XVIII. 245 †; Trade Rep., † XII. 537; XVI. 244; XVIII. 547
- Cycle of Cathay, or China S. and N.: W. Martin, IX. 104 †
- Cycling and local geography, W. T. Arnold on, III. 147
- Cyclones—
- Combinaison des effets des révolutions synodique et tropique de la Lune: A. Poincaré, XVI. 493 †
 - Hann's observations on, VI. 82
 - Orkane des Nordatlantischen Ozeans, etc., XV. 87 †
 - Tropical hurricanes: F. J. B. Cordeiro, XVI. 493 †
 - Ueber den Genauigkeitsgrad der Bahnbestimmung: E. Kuipping, XIV. 233 †
- Cynopithecus of Celebes, VIII. 387
- Cythera—Die Insel Kythera: R. Leonhard, XIV. 223 †
- Cythus—L'île de Kythnos: H. Hauttecoeur, XI. 449 †
- Cyprus—
- Agriculture, Report: P. Gennadius, XIV. 455 †
 - Annual reports, XII. 537 †; XIV. 455 †
 - Aus Cypern: E. Oberhummer, I. 565 †
 - Bibliography of: C. D. Cobham, IV. 187 †; XVII. 546 †
 - Copper and bronze in: J. L. Myres, XI. 192 †
 - Cyprum von heute: V. Mass, XVII. 444 †
 - Cyprus, actual and possible: P. Geddes, X. 118 †
 - and its possibilities: C. Christian, IX. 574 †
 - and its resources: J. E. Mavrogordato, V. 281 †
 - of to-day, XVIII. 547 †
 - Development of: Fyler, XIV. 111 †
 - Excavations in: A. S. Murray, XV. 294 †
 - Journey in: D. G. Prinsep, XVII. 444 †
 - Larnaca, Description of Salt Lake of: C. V. Bellamy, XVII. 189 §, 318 †; Salzsee von Larnaca auf Cypern: V. Maas, XVIII. 103 †
 - L'île de Chypre: C. Enlart, XI. 88 †
 - L'Isola di Cipro: E. Deschamps, XII. 322 †

DAGHESTAN

- Cyprus—continued.
- Mediæval architecture of: J. Bilson, XV. 434 †
 - Mycenaean Cyprus as illustrated in British Museum excavations: A. J. Evans, XVIII. 322 †
 - Quinze mois à l'île de Chypre: E. Deschamps, XI. 88 †
 - Reise auf Cypern: E. Deschamps, XI. 681 †
 - Topographia tes insou Kuprou . . . : G. M. Konstantinidos, II. 472 †
 - Winter Pilgrimage: H. Rider Haggard, XIX. 242 †
- Cyrenaica—
- Besuch in Bengasi: H. Grothe, VIII. 532 †
 - H. Weld Blundell's journey in, V. 168
 - Pentapole Cyrénéenne et la colonisation: A. Rainaud, VII. 113 †
- Cyzicus, Mysia, IX. 158, 166
- Czekanovski, A. L.; expeditions in E. Siberia, XII. 412
- Czink, L.: Arbe. Isola dalmata nel Quarnero, V. 394 †; Isola dalmata, XVII. 671 †; Isola nel Quarnero, VII. 560 †; Lussino, isola dell' Istria, XIX. 765 †
- Czirbusz, G.: Am Ozernya-See, XVI. 571 †; Jara-Thal und seine Bewohner, VII. 561 †; Entstehung der ungarischen Tieflandes, XX. 99 §, 120 †

D

- DA: for names so prefixed, *see under* specific names
- Daalen, Van: Journey across Sumatra, XIX. 635
- Dabasien mt., E. Africa, IX. 183
- Dabney, C. W.: Cotton plant, its history, etc., IX. 347 †
- Dabus river, Abyssinia, XV. 115
- Dachstein—Chronologischen Umfang des Dachstein-Kalkes: E. von Mojsisovics, X. 451 †; Vollendung des Dachsteinwerkes von F. Simony: A. von Böhm, VIII. 305 †
- Dacia—Recherches topographiques sur la Dacie: G. Téglás, V. 504 †; Route inconnue en Dacie du géographe de Ravenna: J. Ornstein, XII. 640 †
- Dadelszen, E. J. von: New Zealand official year book, † III. 163; V. 285; VII. 336; X. 123; XI. 320; XIII. 458; XV. 300; XVII. 454
- Dads town and river, Morocco, V. 325
- Daendels-Raffles: L. van Deventer, VI. 200 †, 396 †
- Daemme Vand, glacier lake, Norway: A. F. Mockler-Ferryman, IV. 524 *
- Daghestan mts., XIV. 660; Russian explorations, XVIII. 618
- Der Nordfuss des Daghestan: G. Radde und E. Koenig, VII. 327 †

DAGHESTAN

Daghestan mts.—*continued*.

Journey to: N. Andrusoff, XVIII. 633 +
Pastuchov's visit to, etc.: H. von
Seidlitz, III. 249 +

Dagomba territory, W. Africa, VII. 97

Dahl, F.: Verbreitung der Thiere auf
hoher See, XII. 329 +

—, J.: Erindringer . . . i Syd-afrika,
XIII. 455 +

—, K.: Oversigt over "Den Dahlsske
Expedition," IX. 465 +

—, O.: Botaniske undersøgelser i
Søndfjords og Nordfjords, XIII. 556 +;
Plantageografiske undersøgelser i ydre
Søndmøre, IX. 685 +

Dahlak I., Inscriptions on: R. Basset, II.
186 +

Dahlgren, E. W.: De franska sjöfärderna
till Söderhafvet i början af 18e seklet,
XVII. 217 +

Dahomey—

À travers le Dahomey: R. P. Martin,
IX. 340 +

Au Dahomey: A. L. d'Albécia, IV. 577 +
Au Sahara français par le: Toutée,
VII. 442 +

Avenir du Dahomey: A. L. d'Albécia, V.
283 +

Dahomé, land och folk: A. H. de
Pomian, VII. 563 +

—, Niger, Touareg: Toutée, IX.
463 +, X. 177 §

—, ressources économiques et
avenir commercial: G. Borelli, XVI.
368 +

Exposition Universelle de 1900. Da-
homey et Dépendances: L. Brunet
et L. Giethlen, XVII. 322 +

Frontier, Dahome-Togoland, Delimita-
tion, XV. 281; Délimitation de
frontière au Dahomey: Plé, IX. 340 +
Geographical, etc., notice on: E.
Lambinet, II. 474 +

Hinterland of, French expedition in,
VI. 281; Mission Baud-Vermeersch
au Gourma: G. Demanche, XII.
211 +

Land und Leute in: Barth, III. 347 +
Notice sur le: J. Fonssagrives, XVI.
699 +

Onze mois au Dahomey: A. Tinayre,
VI. 296 +

Railway—Chemin de fer du Dahomey,
XVIII. 109 +; XIX. 527 +

Trade Rep., XVIII. 639 +

Daiber, A.: Australien und Südseefahrt,
XIX. 776 +

Daiho, E. Africa, II. 534

Dai-Nippon, le Japon: I. Hitomi, XVII.
88 +

Daily Telegraph expedition in C. Africa,
XVI. 331, 558

Daimoli peak, Somaliland, XI. 36

Dainelli, G.: Il Monte Promina in Dal-
mazia, XVIII. 546 +; Stato attuale dei
ghiacciai del Monte Rosa, XIX. 522 +

DALL

Daireaux, C.: République Argentine, Dé-
couvertes géographiques dans, XVIII.
643 +; do., Evolution économique et
sociale, XVIII. 235 +; do., progrès de
la géographie économique de, XVII.
557 +

Dairy industry in the Colonies: S. Lowe,
IX. 687 +

Daish, W.: Melbourne to Tokio, XVI.
486 +

Dakar, Senegal, VII. 314; Dakar au Cap
Juby, VII. 443 +; Port de: H. Terquem,
XIII. 92 +

Dakhan: *see* Deccan

Dakhilah or Dakhla Oasis, Libyan Desert,
XVI. 655; Its topography, etc.: H. J.
Beadnell, XVIII. 621 §, 639 +

Dakolofe, W. Africa; altitude, X. 394

Dakota, N. and S.—

Artesian Waters of a portion of the
Dakotas: N. H. Darton, XI. 317 +

Bad Lands of S. Dakota: N. H. Darton,
XIV. 684 +

Caverne de Cristal, La: L. A. Owen,
XIV. 229 +

Climatic Features of the Two Dakotas:
J. P. Finley, III. 73 +, 253 +

Dakota-English dictionary: S. R. Riggs,
I. 568 +

Dakota Grammar, Texts and Ethno-
graphy: S. R. Riggs, VI. 197 +

Geothermal data from deep Artesian
wells in: N. H. Darton, XI. 570 +

Moraines of S. Dakota: J. E. Todd,
XVI. 584 +

Well-boring and irrigation in Eastern
S. Dakota: N. H. Darton, XIV. 341 +

Dakyns, J. R.: Some Snowdon tarns, XV.
662 +, 530 §

Dal: *see* Nesla

Dalaku, Persian Gulf, IX. 312

D'Albaigne, F. et A.: E. T. Hamy, VII.
222 +; Nouveaux documents sur les
frères D'Albaigne, etc.: Id., XVIII.
343 +

D'Albécia, A. L.: L'avenir du Dahomey,
V. 283 +

D'Alberty, E. A.: Come la navigazione
... possa contribuire allo studio ... dei
mari, etc., V. 397 +

—, L. M., e sua opera scientifica:
A. Mochi, XIX. 662 +; obituary, XVIII.
629

Dale, T. N.: Slate belt of E. New York
and W. Vermont, XVI. 371 +; *see* Pum-
pelly, R.

Dalgleish, W. H.: Ashanti and Gold
Coast, VII. 215 +

—, W. S.: Notes on Franklin's
Arctic explorations, VI. 586 +

Dall, W. H.: Alaska as it was and is,
1865–95, VII. 333 +; Coal and lignite
of Alaska, XI. 316 +; Future of Yukon
goldfields, XII. 213 +; Geographical
notes in Alaska, VIII. 190 +; "Jean-
nette" relics, VII. 566 +

DALLMEYER

- Dallmeyer, T. R.: Telephotography, XV. 676 †; Telephotographic lens, I. 367
- Dalma I., Persian Gulf, XIX. 55
- Dalmatia—
- Arbe, Isola dalmata nel Quarnero: L. Czink, V. 394 †
- Croisière sur les cotes de Dalmatie: A. Robin, XVIII. 631 †
- Dalmatian Alps, M. Martel's subterranean explorations in, IV. 60
- Dalmatien: R. Havass, XIV. 110 †
- Excursion in: W. M. Davis, XVII. 542 †
- Isola dalmata: L. Czink, XVII. 671 †
- Kerka river in: A. F. Gavazzi, III. 249 †
- Lake Vrana in: A. F. Gavazzi, III. 249 †
- Monte Promina in Dalmazia: G. Dainelli, XVIII. 546 †
- Wirthschaftliche Lage Dalmatiens: E. Geleich, V. 178 †
- Dalorto, A.: Biography: A. Magnaghi, XI. 460 †; Carta nautica costruito nel 1325: A. Magnaghi, XIII. 203 §, 570 †; Mappamondo del genovese A. de Dalorto: Id., XVIII. 241 †
- Dal Piaz, G.: Grotte e fenomeni carsici del Bellunese, XVI. 571 †
- Dalton, J. C.: on orthography of geographical names, I. 431; Salmon fishing in E. Canada, XI. 685 †; Spelling of Egyptian names, III. 504 *
- Dalton trail, Alaska, XII. 25
- D'Alviella, Cte. G.: Différenciation des sociétés humaines, XX. 131 †; Les Anglais, les Russes et les Chinois sur le Toit du Monde, IV. 469 †
- Daly, C. P.: Controversy between Venezuela and Gt. Britain, VII. 566 †; Have we a portrait of Columbus? II. 283 †; obituary, XIV. 572
- Daly, R. A.: Expedition to Labrador, etc., XVII. 313; Geology of N.E. Coast of Labrador, XIX. 774 †; XX. 232 §; on asymmetrical river-deltas, XVIII. 219; Physiography of Acadia, XVIII. 535 §, 552 †
- Daly Lake, N. Canada, IV. 441
- Dama country, Nigeria, XIV. 635
- Damaraland, K. Dove on, IV. 271; do., Reise im südlichen: K. Dove, IX. 239 †; Nama und Damara: H. von François, VIII. 311 †
- Damascus—
- Description de Damas: H. Sauvaire, VIII. 417 †
- Great Mosque of the Omeyyades: R. P. Spiers, IX. 576 †
- Railway to, III. 59
- Reise von Damaskus nach Bardad: M. von Oppenheim, VIII. 92 †; journey of M. von Oppenheim, VII. 548, 658; Routenkarte, VII. 687 †
- Trade Rep., XIV. 582 †; XX. 556 †
- Damian, J.: Hochgebirgsseen und erlc-

DANUBE

- schene Seebecken von Sterzing, IV. 83 †; Seenstudien (E. Alps), I. 186 †, 350 §; do., Lago di Serrai, etc., XIV. 221 †
- Damkohler, E.: Bevölkerung des Dorfes Cattenstedt, XI. 191 †; Bevölkerung des Harzgebietes, V. 179 †; Zur Sprachgrenze von Aschersleben, VII. 107 †
- Dama I. and its Natives: P. W. Bassett-Smith, III. 144 §, 251 †
- Damodim mts., Afghanistan, IX. 408
- Dampier, W.: Leben und Werke: P. Verbeek, XVI. 494 †; visit to Christmas I., XIII. 17
- Dampier I.—Krakar oder Dampier Insel: G. Kunze, IX. 109 †; Krakar und G'bagebag: O. Finsch und G. Kunze, VIII. 428 †
- Dana, J. D.: Biography, VI. 101 †; VII. 222 †; as teacher of geology: O. C. Farrington, VI. 396 †; obituary, V. 599
- Danckelman, A. von: Geographischen Lage von Tabora, III. 439 †; Höhenmessungen von Dr. Esch in Kamerun, XIX. 656 †; Inhaltsverzeichnis Mittheilungen... Deutschen Schutzgebieten, XII. 220 †; Kaiser-Wilhelms-Land Expedition, XIII. 218 †; Klima von Neu-Guinea, XVI. 255 †; on Harmattan wind, XIV. 445; Weitere Beiträge zur Klimatologie des Schutzgebietes von Kamerun, I. 183 †
- Danco, Lieut.: death of, XIII. 652
- , P.: Le Congo, IX. 576 †
- Danco Land, Antarctic, XVIII. 363, 369
- Dandafarra, W. Africa: altitude, X. 394
- Dandan-Uilik, ruins of, Takla-makan desert, XX. 594
- Dandushka barriers, Bokhara, XIV. 611; Die Barren der Danduschka: W. R. Rickmers, XIV. 582 †
- Danga Bash: see Tashkurgan river
- Danger Is., Antarctic, II. 434; IV. 344; VII. 627
- Dang-la range, C. Asia, III. 371
- Daniel, J.: chart of Spitsbergen, XVII. 629
- Danneberg, R.: Ueber die festen Aggregatzustände des Wassers, XV. 672 †
- Danteo, Dr. le: Le paludisme, sa prophylaxie, XIX. 112 †
- D'Anty, P. B.: Relation d'un voyage... au sud de Semaou, XIII. 559 †
- Dantz, Dr.: Geological explorations in Ger. E. Africa, XIV. 446; XVI. 106; XX. 230; do., Ergebnisse der... Expedition, XVI. 250 †
- Danube, river (see also Ister)—
- Austrian shipping on, VI. 470
- Die Donau als Völkerweg: A. von Schweiger-Lerchenfeld, VII. 327 †
- Donau-Studien: J. von Lorenz-Liburnau, VII. 438 †
- Etats du Danube et des Balkans, Collection des Guides Joanne, VIII. 410 †

DANUBE

Danube, river—*continued*.

- Felsen-Inschriften der Katarakte: G. Téglaß, VII. 107†
 From Black Forest to Black Sea: F. D. Millett, I. 179†
 Geschiebe des Donau-Gebietes: E. Fugger und K. Eastner, VI. 292†
 History of development: R. Hödl, V. 270§
 Iron Gates, Regulation of, VIII. 603; (B. de Gonda), I. 243†, 278†; Ship Canal, VII. 544; Sprengung des Eisernen Thors, etc., M. von Eyth, XIX. 103†
 Lucrările Comisiunei Europene a Dunării: D. A. Sturdza, XIV. 452†
 Niederschlagsmengen im Donaugebiet: W. Trabert, III. 344†
 Paddles and politics down the: P. Bigelow, I. 81†
 Thalgeschichte der obersten Donau: A. Penck, XVII. 84†; der obersten Donaugebietes: R. Sieger, XVIII. 102†
 Trois fonts romaines au Bas-Danube: F. Milleker, XVIII. 631†
 Works for improving entrance: Voisin Bey, I. 563†
 Danube-Oder canal, XVIII. 290
 Danvers, F. C.: Agriculture in Essex, X. 454†; Portuguese in India, V. 281†; VI. 558§; Report on Portug. E. India records, II. 248§; Review of Indian statistics, XVIII. 106†
 —, Sir J.: obituary, XX. 663
 Danzanvilliers, P.: Reconnaissances géologiques . . . du Djoué, et du Niari, XI. 93†
 Dapsang: *see* Depsang
 Jarab, Persia, VII. 26
 Jar-al-Baida District, Morocco; Trade Rep., VI. 80§; XV. 82†; XX. 558†
 Darapsky, L.: Das Departement Taltal, XVI. 702†; XVII. 534§; Puna de Atacama, XV. 440†, 538§
 Darbshire and Stanford's map of the Thames, XX. 133†
 Darchendo: *see* Ta Chien Lu
 D'Arcis, A.: Les monts pisans, II. 184†
 Dard valleys, XX. 578
 Dardanelles—
 Dardanelles and Bosphorus, currents, IV. 255
 — and Aegean, Hydrography, III. 513*
 Esperienze eseguite negli Stretti dei Dardanelli, G. B. Magnaghi, V. 398†
 Sailing directions, XVIII. 102†
 Dardistan in 1866, 1886, and 1893, etc. G. W. Leitner, III. 345†
 Dar-es-Salaam, Ein Kulturbild: A. Seidel, XIII. 92†; railway, VIII. 176; road from Kilossa, XI. 69
 Darfur, journey to: De la Kéthulle, V. 81; (and Nili), VII. 428
 Dargai, Tirah, XII. 340

DAS

- Dargilan, Grotte de: G. Carrière, X. 547†
 Daria-i-Nimak, Persia, VII. 164
 Darjiling, N. India, XIX. 462, 473
 Besuch im Dardschiling, XIV. 579†
 Place and river names in Sikkim and: L. A. Waddell, II. 562†
 Tea-planting in: G. W. Christison, VIII. 309†
 Darkash river, Persia, IV. 488
 Darkot Pass, Hindu Kush, VII. 91; VIII. 119
 Darlac, province laotienne: C. M., XIX. 769†
 Darling Downs, Discovery, etc.: A. Morgan, XX. 562†
 — river, Australia, I. 241; Preliminary surveys on: W. Poole, XVI. 255†
 Darma Yankti, Tibet, XV. 405
 Darney, La forêt: C. Guyot, XX. 666†
 Darragon, L.: Ethiopie, XII. 209†; Exploration de l'Abyssinie méridionale, XII. 77§, 433†
 Darrah, H. Z.: Sport in highlands of Kashmir, XI. 567†
 Darsonich tribe: *see* Reshiat
 Dartmoor, Past and Present of a bit of: H. J. Lowe, XX. 553†
 Darton, N. H.: Artesian waters of the Dakotas, XI. 317†; Artesian well prospects in Atlantic . . . region, XI. 316†; Bad Lands of S. Dakota, XIV. 684†; Catalogue N. American geology, XI. 317†; Geography of Washington, XII. 436†; Geology and water resources of Nebraska, XVI. 371†; Geothermal data from deep artesian wells in Dakotas, XI. 570†; On structure of Shawangunk mt., New York, III. 427§, 440†
 Darwaza-i-Nadir, Persia, XIX. 159
 Darwin, C.: on Patagonia, XIV. 369, 372, 375; Theory of coral reef formation, II. 542
 Darwin, G. H.: Ebbe und Flut . . . im Sonnensystem, XX. 564†; on main geographical lines, XIII. 229; remarks on "Christmas I.," XIII. 39; on "Seabeaches and sandbanks," XI. 649; Tides and kindred phenomena in the solar system, XIII. 219†, 630§; small vertical movements of a stone, XVIII. 342†
 —, L.: British expansion in W. Africa, XV. 83; review of "International Geography," XIV. 656; Railways in Africa, VIII. 488*, 651*; remarks on "Hausa Territories," VIII. 219
 — glacier, Mt. Kenya, IV. 420
 — mts., Tierra de Fuego, XVIII. 360
 Darwinism, Illustrations of: Sir W. Buller, VI. 99†
 Das, S. Chandra: Ancient geography of Asia, XIII. 452†; Antiquity of Chittagong, XII. 431†; Identity of the Tsang-po of Tibet with the Dihong, XII. 430†; Legends and miracles of

DASCUSA

- Buddha, XIII. 571 †; Travels on Shores of Lake Yamdo-Croft, XIII. 453 †; visit to Lhasa, XVIII. 605; XX. 554 †, 640 §
- Dascusa, Euphrates; position, VIII. 466
- Dasgirdun, Persia, VII. 40; altitude, VII. 166
- Dashi-kul, lake, C. Asia, IX. 550
- Dasht-i-Kavir, Persia, VII. 34, 36, 165; X. 570, 578, 597
- Dasht-i-Lut, Persia, X. 570, 578, 597
- Dasht-i-Mirza, Murad, VIII. 115
- Dashwood, R. L.: French in Newfoundland, XV. 299 †
- "Dasyures" of Tasmania, IV. 33
- Date-line in the Pacific, A. M. W. Downing on, XV. 415 †; Where a day is lost or gained: B. E. Smith, XV. 87 †; Where does the day begin? F. H. Holmes, XIV. 461 †; Where the day changes: W. Downing, XVI. 587 †
- Date-palm cultivation, X. 222; of Siwa, X. 602; Tafillet, V. 333; Tunis, XI. 605
- Dati—
Randteckninger i gamla handskrifter af Datis La Sfera: A. E. Norden-skiöld, XVI. 132 †
- Daua river, Somaliland, VIII. 133
- Daubler, K.: Acclimatisation . . . der Tropenbewohner, VII. 339 †; Anlage von Hohensanatorien in den Tropen, XV. 558 †; Tropenpathologie, IX. 349 †
- Daubrée, A.: Méthode expérimentale . . . dans l'histoire des montagnes volcaniques, I. 283 †; Oeuvre scientifique de: S. Meunier, IX. 583 †
- Daull, Pere; on level of Lake Tanganyika, XV. 65
- Daun, Wady, Tripoli, VII. 156
- Dauphiné—
Abimes du: E. A. Martel, XII. 91 †
Collection des Guides-Joanne: P. Joanne, XI. 447 †
Chemins de transhumance en . . . Dauphiné: J. Fournier, XVIII. 453 †
Geomorphologie de Alpes dauphinoises: W. Kilian, XX. 666 †
Tournée d'un intendant dans le: P. de Marcheval et P. Guillemin, XV. 660 †
- Davey, R.: Glimpses of Havana, XII. 215 †; Stamboul, Old and New, VII. 440 †
- David, Mrs. E.: Funafuti, XIII. 567 †, 663 §
- , T. W. E.: Artesian water in N. S. Wales and Queensland, IV. 379 †; Structure, etc., of the Blue mts., XI. 102 †
- , W. F. Smeeth, and J. A. Schofield: Antarctic rocks collected by C. E. Borchgrevink, IX. 110 †
- Davidson, G.: Copper river of Alaska, XIX. 773 †; Discovery of San Diego Bay, I. 470 †; Early voyages along N. W. coast of America, III. 333 §, 348 †; Eruption of volcano Weniaminof in

DAVIS

- Alaska, I. 567 †; In Memoriam, T. E. Slevin, VI. 397 †; Letter, on Philippine Is., XIII. 669; Lynn Canal and Taiya Inlet, Alaska, XV. 667 †; on name of Cape Nome, XIX. 92; Submerged valleys off coast of California, X. 456 †; XI. 552 §; Voyages of Bering and Chirikof, XIX. 756 §, 774 †
- Davidson, J.: Notes on Bashgati (Kafir language), XX. 667 †
- Davies, A. M.: Geography of Greater London, XVII. 672 †; XIX. 767 †; XX. 352 †; remarks on "Teaching of geography," XIX. 82
- Davies' drawing of Ormus in 1627 . . . IV. 160
- Davis, A. P.: Hydrography of Nicaragua, XIX. 403 †; Kansas river, VIII. 312 †; Nicaragua and Isthmian routes, XIV. 462 †; Stream measurements, XIV. 341 †; Water Supply for Nicaragua Canal, XVI. 585 †
- , C. A.: A remarkable Marl lake XVIII. 93 †
- , J.: Forgotten voyage of: W. Foster, II. 146 *
- , Hon. N. D.: Early English colonies in Trinidad, XI. 101 †
- , P. L. H.: "Chronometer" tables XVI. 587 †; Stars' and Sun's true bearings or Azimuth tables, XVI. 492 †
- , R. H.: An American in Africa, 566 †
- , W. M.—
Age-terms for geographical description of land-surfaces, XI. 554
- Circulation of the atmosphere, XIV. 586 †
- Current notes on physiography, VI. 82
- Development of English rivers, V. 127
- Diversion of drainage of English river, XX. 524
- Drainage of Cuestas, XV. 302 †
- Equipment of geographical laboratory, XII. 331 †
- Evolution of river-basins, X. 621
- Excursion in Bosnia, Herzegovina, and Dalmatia, XVII. 542 †
- Fault scarp in Lepini mts., Italy, XVII. 545 †
- Field work in physical geography, XX. 130 †
- Fresh-water Tertiary formations of Rocky mt. region, XVI. 371 †; XVII. 557 †
- Geographical cycle, XIV. 481 *; XIX. 407 †
- Geography as a University subject, XI. 324 †
- Glacier Erosion in France, Switzerland, and Norway, XVII. 545 †; in Valley of the Ticino, XVI. 121 †
- Grand Cañon of Colorado—Enseignements du Grand Cañon, XIX. 401 †; Excursion to, XVIII. 334 †, 624 §; Notes on district, XVII. 93 †

DAVIS

Davis, W. M.—*continued*.

- Harvard geographical models, XI. 322 †, 554
 Home geography, IX. 687 †
 Improvement of geographical teaching, II. 273, 283 †
 Lakes and rivers of Laurentian Highlands, XVII. 678 †
 Large-scale maps as geographical illustrations, VIII. 536 †; X. 556 †
 Local maps in American schools, VII. 665
 Maps of Mississippi, XIX. 775 †
 "Moodus Noises" in Connecticut valley, XI. 301
 Obituary of J. D. Dana, V. 599
 Outline of Cape Cod, IX. 446 §, 464 †
 Peneplain, The, XIV. 344 †; La Pénéplaine, XV. 89 †
 Physical geography in the University, IV. 473 †; V. 175 §; XIV. 183 §
 ——— of S. New England, XI. 201 †
 ——— of the Lands, XVII. 563 †
 Physiographic types, XIII. 686 †
 Plains of marine and subaërial denudation, X. 554 †
 Practical exercises in geography, XVI. 260 †
 Practical geography in schools, XII. 423
 Present trend of geography, XI. 208 †
 Quarries in lava beds at Meriden, VII. 334 †
 Selection of topographical maps for schools, XIII. 97 †
 Seine, Meuse, and Moselle, VIII. 410 †; La Seine, etc., VI. 519 †
 Speculation in topographical climatology, XI. 105 †, 302 §
 State map of Connecticut as aid to study of Geography, VIII. 312 †; do., Rhode I., VIII. 654 †
 Studies for students: Baselevel, grade and peneplain, XX. 130 †
 Terraces of Westfield river, Mass., XX. 670 †
 Theoretical geography (letter), VII. 557
 Topographic maps of U.S. Geological Survey, II. 91 †
 Triassic formation of Connecticut, XIII. 681 †
 Un exemple de plaine côtière, XIII. 460 †
 Use of geographical periodicals, X. 345 †
 Vallées à Méandres, XIII. 686 †
 Waves and tides, XII. 218 †
 Winds and ocean currents, X. 653 †; XI. 321 †
 ———, and W. H. Snyder: Physical geography, XIII. 460 †
 Davis, and Baffin's Bay. Difference in climate . . . of: R. S. Tarr, IX. 684 †; X. 442 §
 Davison, C.: Accessory shocks of the great Japanese earthquakes, IX. 460 †; Dis-

DAWSON

- tribution of earthquakes in Japan, X. 530 *; Great Japanese earthquake of October 28, 1891 . . . XVII. 635; Pembroke earthquakes, X. 119 †; Rev. Osmond Fisher, XV. 446 †; Some minor British earthquakes, XVI. 121 †
 ———, G. C.; Capt. Younghusband on, II. 549
 Davos—Structure of Valley: A. V. Jennings, XII. 625 †; Nivale Flora der Landschaft: W. Schibler, XIII. 211 †
 Davy's Sound, N.E. Greenland, XVII. 55
 Dawkins, C. T.: Information concerning S. Rhodesia, XIV. 338 †
 ———, W. B.: Geology in relation to geography, IV. 381 †; Influence of Mediterranean peoples in historic Britain, XIX. 395 †; Relation of geology to Engineering, XIII. 462 †; South-eastern coal-fields of England, XV. 190 †
 ———, and B. Hobson: Physical geography, XIII. 329 †
 Dawn of civilization, The: G. Maspero, V. 187 †
 ——— of modern geography: C. R. Beazley, IX. 532 §, 686 †; XIX. 240 †, 498 §
 Dawason-necha, lake, N. Canada, XVIII. 257
 Dawson, C.: Natural gas in Sussex, XII. 626 †
 ———, G. M., biography: F. D. Adams, XVIII. 242; † medals to, IX. 555; X. 108; obituary, XVII. 438
 Are Boulder-clays of the Great Plains marine? X. 121 †
 Biographical sketch: H. M. Ami, XX. 465 †
 Economic minerals of Canada, XVI. 489 †
 Geographical work of Geological Survey of Canada, V. 268 *; VII. 412 *; IX. 276
 Geological record of Rocky mt. region in Canada, XVIII. 111 †
 ——— Survey map of Canada, XIV. 126 †
 ——— Survey of Canada, reports, VI. 392 †; VII. 679 †
 Geology of Middleton I., Alaska, and . . . Bering Sea, III. 439 †
 Glacial deposits of S.W. Alberta, VI. 488 †
 Mammoth remains in Yukon district, III. 440 †
 Observations on Bering Sea, IV. 250 *
 Physical geography and geology of Canada, XI. 200 †
 Recent explorations in Canada, X. 229 †
 Scientific investigation in Canada, V. 90 †
 Secular climatic changes in Br. Columbia, XI. 200 †
 Shuswap people of Br. Columbia, I. 86 †
 Surveys in Manitoba and Br. Columbia, X. 628; in Yukon region, X. 631
 Unknown Areas of Canada, II. 496

DAWSON.

Dawson, Sir J. W.: Physical characters, etc., of Guanches of Canary Is., XI. 197†

—, S. E.: Canada and Newfoundland, Stanford's Compendium, XI. 96†, 182§; Discovery of America by J. Cabot, etc., X. 456†; Lines of demarcation of Pope Alexander, VI. XVI. 494†; Voyages of the Cabots, V. 284†; XII. 213†, 219†; XIV. 235†

—, Sir W., biography: F. D. Adams, XV. 303†, 557†

—, W. B.: Character, etc., of tides in Gulf and river of St. Lawrence, XII. 213†; Secondary tidal undulations . . . in region of Nova Scotia, XVI. 125†; XVII. 451†; Do., recorded by self-registering tide gauges, etc., VIII. 191†; Survey of tides and currents in Canadian waters, †V. 608; VI. 392; VII. 679; VIII. 418; X. 553; XII. 213; XIV. 461; XVI. 582; XVII. 678; XX. 127; Tidal and current surveys in Canada, VIII. 72

Dawson and Mackenzie rivers, Report on geology: B. Dunstan, XX. 361†

Dawson of to-day, The: F. F. Brown, XVII. 451†

Day, D. T.: Mineral resources of U.S., I. 281†; II. 380†

Day—Where does the day begin? F. H. Holmes, XIV. 461†; Where the day changes: W. Downing, XVI. 587†: *see* Date-line

— Numbers, Independent, as used at . . . Cape of Good Hope, XVIII. 646†

Dayak: *see* Dyak

Dayon Khan, I. 142

De: for names with this prefix, *see under* specific names

Deacon, G. F.: Vyrnwy works for water-supply of Liverpool, IX. 337†

Dead Sea—

Autour de la Mer morte: L. Gautier, XVII. 90†, 675†

Dead Sea, The: G. Hill, XVI. 555§, 579†; Sir C. Wilson, XVI. 698†

Levels, Observations: E. Masterman, XX. 101§, 245†

Mer Morte: L. Gautier, XIX. 654†

Shrinking, XV. 175

Deakin, Hon. A.: Irrigated India, I. 565†

Deane, H.: Economical railway construction in N. S. Wales, XVII. 95†; Suggestions for depicting . . . the character of seasons, etc., XVI. 588†

Dearmer, P.: Highways & byways in Normandy, XVI. 120†

Deasy, H. H. P.: Journeys in C. Asia, VIII. 296, 635; IX. 217; XI. 544, 665; XII. 311; XIII. 65, 628, 656; XIV. 660; XVI. 141*, 501*; XVII. 208†; in Tibet and Chinese Turkestan, XVII. 763†; XVIII. 526§; Journey to N. Tibet and Aksai Chin, XIII. 155*; letter on Khotan river, XIV. 451†; Photographs

DÈCLE

of Kashmir, II. 576; Portable mercurial barometer, X. 203*; remarks on receiving medal, XVI. 115; Roof of the World, XVII. 673†

—, and A. Pike: Photographs of Pamir region, etc., XV. 562

Death Valley, California: O. C. T. Carter, XX. 670†; Note on Climate of: M. W. Harrington, I. 271, 281†

Debai, Oman, XIX. 56

Debasien Mt., E. Africa, XIV. 135, 310; XIX. 17

Debes: Neuer Handatlas, †II. 573; III. 355; IV. 479; V. 408; XIII. 224

Debo, lake, Upper Niger, VII. 98

Déboisement des montagnes, Effets du: Guénot, VII. 117†

Debunja, W. Africa, rainfall, XV. 420; Regenmessungen in Debundja, XIV. 460†

Deburaux, M.: Projet de traversée du Sahara par ballon non monté, XIX. 772†

Decante, C.: Determination de la position du navire quand l'horizon n'est pas visible, XVII. 562†

Decazes, E.: Le Haut Oubangui, VIII. 531†

Deccan, Trap, III. 180; Villages, Study of, B. H. Paden-Powell, X. 119†: Volcanic sheets, III. 193

Déchy, M. de: Bergfahrten in den Alpen der Herzegowina, IV. 84†; Biography, XIX. 534†; explorations in Caucasus, XI. 430; XIV. 660; Photographs of Caucasus, XIV. 469

Decimal division (*see also* Hour)—of angles and time, resolution on, VIII. 294; Le temps decimal: J. de Rey-Pailhade, VII. 117†; Rapport . . . Système decimal à la mesure du temps: L. Carrière, XII. 105†

— problem and its urgency: R. M. Walsley, VI. 200†

— watch constructed by Brisebard, XI. 676, 677

Deckert, E.: Amerika, allgemeine Landeskunde, VII. 215†; Betrachtungen über Westindien, VII. 335†; Die Erdbeben . . . von Nord-Amerika, XX. 468†; Goldfelder von Klondike, XI. 316†; Hochketten des nordamerikanischen Felsengebirges und der Sierra Nevada, XVIII. 94§, 234†; Kulturgeographische Gruppierung der Unions-Staaten, VIII. 419†; Martinique und sein Vulkanismus, XX. 561†; Nord-amerikanische Union als Weltmacht, XVI. 701†; Politisch-geographische betrachtungen über Westindien, X. 231†; Projected ship canals in U.S., VII. 553; Stand der geographischen Forschung in Nord-Amerika, VII. 215†; Westindische Vulkankastrophe und ihre Schauplätze, XX. 470†

Dècle, L.: Expedition in C. Africa, III.

DECLINATION

- 60, 332; between Tanganyika and Victoria Nyanza, XVI. 351, 558; XVII. 75; Fashoda question, XIII. 92 †; Tanganyika railway, XIII. 322 †; Three years in savage Africa, XI. 569 †; XII. 302 §
- Declination—Déclinaisons de 14 étoiles employées, etc.: A. Ivanof, 205 †
- Decœur, Comm.: Expedition in Dahomey, VI. 281
- Décombaz: Les grottes de la vallée de la Bourne et du Vercors, XII. 426 †
- Decotter, M.: Geography of Mauritius and dependencies, III. 72 †
- Decoud, H. F.: Geografía de la República del Paraguay, VIII. 420 †
- , J.: Diplomacia Paraguayo-Boliviana, XI. 455 †
- Découvert du Pôle Nord, La: E. Payart, VIII. 423 †
- Deecke, W.: Der Appenin an der Irpinischen Wasserscheide, I. 179 †; Die geologische Zusammensetzung . . . der Insel Rügen, XVII. 206 †; Die pleistocänen Landseen des Apennins, XV. 434 †; Italien, XV. 189 †; Reiseerinnerungen von den Aalandinseln, III. 251 †; Skizzen aus Norrland, VI. 96 †; Ueber die sicilischen Schlammvulkane, IX. 336 †; Ueber Dünen und Diluvialsande auf den pommerschen Inseln, II. 472, 561 †
- Deeken, R.: Manuia Samoa, XIX. 659 †
- Deep Ghyll, W. wall of: J. W. Robinson, XIV. 578 †
- Deep and Deep Sea: see Oceanography
- Deer of neotropical region, V. 473; Deer-hunting in Siam, VIII. 435
- Deflers, A.: see Charnay, D.
- Deformations—Déformations que fait naitre la pression dans un hémisphère creux métallique: H. Schoentjes, XV. 673 †
- Degoutin: Les grottes de marbre de Tourane, IX. 459 †
- Degree measurement in Ecuador, XX. 343 (see Quito); in Spitzbergen (*q.v.*), XVI. 111, 567, 688; XVII. 433, 537; XVIII. 217, 626; XX. 232
- Deh Balla valley, Persia, VII. 30
- Dehérian, H.: Le Soudan égyptien sous Mehemet Ali, XI. 453 †; XII. 306 §; Place-names at the Cape in eighteenth century, XIX. 217
- , P., et P. Demoussy: Sur la circulation de l'air dans le sol, VII. 448 †
- Dehra Dun forests: C. W. Pope, I. 469 †
- Deken, C. de: biography, IX. 115 †; Voyage à travers l'Asie, II. 472 †
- Dekken-dekka desert, XI. 248
- De la: for names with this prefix, see under specific names
- Delabarre, E. B.: Report of the expedition to Nachvak, Labrador, XX. 232 §, 559 †
- Delachaux, E. A. S.: Atlas meteorologique de la República Argentina, XVII.

DELEBECQUE

- 686 †; Limites occidentales de la República Argentina, XII. 101 †; XV. 196 †; Limites Chilo-Argentines, Question des, XII. 214 †; Mapa Mural de la Provincia de Buenos Aires, III. 539 †; Uebersichtskarte des Erdbebens vom 27 Okt. 1894, in Süd-Amerika, VI. 105 †
- Delacollette, L.: La commune de Dochamps, XII. 536 †
- Delafosse, M.: La République de Libéria, XVII. 449 †
- Delagoa Bay—Cable interruptions, X. 274; harbour, II. 170
- Ba-Ronga an der Delagoabai: H. Seidel, XIII. 93 †
- Delagoa-Bucht, Die, XVI. 125 †
- Directory for 1899, XIV. 337 †
- Key to S. Africa: M. G. Jessett, XIV. 682 †
- Delaite, J.: Intérêt scientifique de l'expédition antarctique belge, VIII. 194 †
- Delamere, Lord: Expedition to Somaliland, X. 328
- Delannoy, C.: L'Angola et la colonisation portugaise, VII. 678 †; L'évolution de la politique coloniale de la Holland, VIII. 412 †
- Delarue, C.: La Serbie et les relations franco-serbes, XVIII. 547 †
- Delattre, R. P.: Carthage, XI. 95 †
- Delauney: Distribution géographique des volcans, IX. 686 †
- Delaware river—Does Delaware water gap consist of two river gorges? E. Walter, VII. 216 †; Improvement of channel of: W. Atlee, IX. 241 †
- , Canal, VII. 554; XIX. 641
- Delbrel, G.: De Fez à l'Oranie à travers le pays des Ghiata, XVI. 581 †; Le Maroc actuel et la Cour chérifienne, XX. 357 †; Notes sur le Tafilet, V. 89 †
- Delcommune, A.: Expedition in Congo basin, I. 225, 356; Exploration of Lukuga, III. 417 *
- Delebecque, A.: Atlas des lacs français. I. 382 †; V. 189 †; IX. 246 †; Bathymetrical survey of French lakes, I. 544; IV. 359; VIII. 424 †; L'Etude des lacs en France, III. 528 †; VI. 579 †; Les lacs français, XI. 447 †; Jura et Vosges, IX. 573 †; Les ravins sous-lacustres des fleuves glaciaires, IX. 583 †; observations on Rhone and Dranse, III. 234; Sur l'âge du lac du Bourget, V. 178 †; Sur les lacs de la Roche de Rame, XII. 426 †; Sur les réfractions extraordinaires, etc., IX. 582 †; Sur les lacs du littoral landais, etc., IX. 573 †; Sur l'étang de Berre, IX. 231 †; Sur quelques lacs des Alpes, de l'Aubrac et des Pyrénées, V. 279 †; on variations in composition of lake waters, III. 522
- , et A. Le Royer: Sur les gaz dissous au fond du lac de Genève, VI. 395 †

DELEBECQUE

- Delebecque, et E. Ritter: Quelques lacs des Pyrénées, XIV. 112 †; Do., des Pyrénées-Orientales, XIII. 88 †
- Delgado, E.: Etnografía y Lingüística, XI. 100 †
- , J. F. N., e P. Choffat: Carta Geologica de Portugal, XVI. 136 †
- Delgado, Cabo, District of, route of railway, etc. (map): Nyasa Co., V. 190 †
- Deli, in Sumatra: R. W. E. Eastwick, III. 160 †
- Delikli Tash, Asia Mi., IX. 268
- Delisle, F.: La colonisation à Madagascar, VII. 679 †
- Dellenbaugh, F. S.: True route of Coronado's march, XI. 455 †, 552 §
- Delmas, J.: La vallée de la Bresque (Var), XVII. 544 †
- Delmé-Radcliffe, Major: remarks on "Journey from Omdurman to Mombasa," XIX. 689
- Delphi, axis of, VIII. 615
- Delporte, A., et L. Gillis: Observations astronomiques, etc., . . . l'état indépendant du Congo, VI. 487 †
- Delta: *see* Rivers
- Delvaux, G.: Vasco da Gama et les découvertes des Portugais, XII. 330 †
- Demanche, G.: La France et le Siam au Laos, II. 278 †; La France recule au Niger, VII. 333 †; La Mission Baud-Vermeersch au Gourma, XII. 211 †; Les projets de cables, XVI. 131 †; L'invasion sicilienne en Tunisie, XVIII. 111 †; Occupation d'In-Salah, XVI. 251 †; Question du Transvaal, XV. 194 †; Ressources militaires de l'Algérie, IX. 105 †; Route du Tchad et les prétentions Allemandes, II. 187 †
- Demangeon, A.: géographie du Kaiserstuhl, XX. 239 †
- Demarcation: *see* Papal
- Demavend, Mt., E. Grant Duff's ascent of, I. 149; Ascent of: S. Hedin, I. 84 †
- Demerara and Essequibo, Br. Guiana, Shore of: F. J. Gray, XX. 408 *
- Demeter and Baubo: E. Hahn, XII. 104 †
- Demidoff, Prince E.: After wild sheep in Altai and Mongolia, XVI. 696 †; photographs of Russian C. Asia, XVII. 687 †
- Demmer, Le Djebel: P. Blanchet, X. 229 †
- Dempwolff, O.: Die Erziehung der Papuas zu Arbeitern, XIII. 325 †
- Demography—Demographic statistics of the U.K.: E. Cannan, XII. 203 †; Projet d'explorations démographiques, etc.: A. N. Kier, XV. 445 †
- Demolins, E.: Les français d'aujourd'hui, XII. 422 §, 426 †
- Dempster, H. G.: Railway surveying with tachometer, XVI. 256 †
- Dem Ziber, C. Africa; position, XIII. 69; XVII. 74
- Denburgh, J. van: Reptiles of Pacific coast and Great Basin, XI. 202 †
- Dendrophoria: J. S. Phené, XI. 207 †

DENMARK

- Dendy, A.: Chatham Is., XX. 361 †, 457 §
- Déné People, Notes, archæological, etc., on: Father Morice, III. 533 †
- Dénes, F.: Gebirgstouren in den Béler Kalkalpen, VIII. 306 †; Geologie des Tátragebirges, XX. 351 †; Originalkarte der Hohen-Tátra, XIII. 554 †
- Deniker, J.: La première photographie de Lhassa, XIX. 397 †; Les races de l'Europe, XVI. 119 †; Les races et les peuples de la terre, XVI. 493 †; Récentes explorations russes en Asie, XVIII. 548 †; Résultats . . . du voyage de MM. Roborovsky et Kozlov, XVI. 247 †; Voyage de Lieut. Kozlov, XX. 242 †
- Denison, G. T.: Present situation of England, XI. 89 †
- Denmark—**
- Admiralty Charts, XIX. 538 †
- Betydningen af landenes geografiske Forhold: O. E. Madren, VII. 685 †
- Census, XVIII. 209; Vorläufige Ergebnisse der . . . Volkszählung: K. Neukirch, XVIII. 546 †
- Danemark, Le: P. Vesterby, XVIII. 102 †
- Danish Expeditions—
- Arctic Expeditions, 1605–20: C. A. Gosch, XI. 102 †; Arctic Voyages and Early Chart of N. Atlantic, XI. 672 §
- Greenland, X. 218; XIV. 449; XVI. 231; XIX. 641; Expedition to Greenland in 1893: Lieut. V. Garde, III. 350 †; E. Greenland Expedition in 1900: G. C. Andrup, XVI. 662 *
- Ingolf-Expedition, † XIV. 587; XVI. 374; Report, XV. 273
- Melville Bay and Disko I., XI. 184
- Pamirs, VI. 472; IX. 663; X. 536; XIII. 302; XV. 175; XVI. 99
- Danske Turistforenings Aarskrift, † XVI. 119; XVIII. 102; XIX. 649
- Denmark Past and Present: M. Thomas, XIX. 765 †
- Eine landeskundliche Skizze: E. Löffler, V. 603 †
- Excursion en Danemark: H. Castonnet des Fosses, XI. 564 †, 680 †
- Geografiske Udbredelse af . . . Stednavnsklasser: V. E. Madsen, XVIII. 225 †
- 'Historia de profectione Danorum in terram sanctam,' etc.: K. Kalund, IX. 116 †
- Kommissionen for videnskabelig Undersøgelse af de danske Farvande, XIV. 330 †
- Maps—Generalstabens topografiske Kaart, † II. 477; IV. 476; VI. 590; VIII. 537; X. 557; XIV. 691; XVII. 684
- Meddelelser fra Dansk geologisk Forening: K. J. V. Steenstrup, IX. 573 †
- Meteorological Institute, Annals of

DENMARK

Denmark—continued.

- magnetic observatory: *see below*; Ice in Arctic Seas, XV. 539; Meteorologisk Aarbog (Annuaire Météorologique), †IX. 103; XI. 446; XIII. 675; XV. 433, 545; XVII. 443; Nautical - Meteorological Annual, XVI. 119 †; XVIII. 453 †; Observations météorologiques-nautiques, XIV. 110 †; Observations at Godthaab, IV. 69; Surveys (Greenland and Iceland), IX. 96
- Meteorologiske Observationer i Kjöbenhavn: V. Willaume-Jantzen, VIII. 527 †
- Musée national de Copenhague, fouilles faites pour le: S. Müller, XV. 545 †
- Nogle Undersøgelser Danmarks oeldste Inddeling: J. Steenstrup, IX. 103 †
- Observatoire magnétique de Copenhague, Annales de l': A. Paulsen, III. 249 †; IX. 457 †; XVIII. 102 †
- Océanographie des détroits danois: M. Knudsen, XIX. 649 †
- Om gamle danske Laridsbyformer: P. Lauridsen, VIII. 647 †
- Præcisionsnivelementet over Store Belt: G. Zachariae, XIII. 451 †
- Spirit-levelling in survey of: O. Zachariae, IV. 194 †
- Trade and agriculture, II. 426 †; XIV. 452; XVI. 570 †
- Undersökningar rörande Oresunds Djurlif: E. Lönnberg, XIII. 544 †
- and Iceland, Murray's Handbook, V. 604 †
- I.—Klima and Föhne der Dänemark-Insel: A. Woeikof, XVIII. 114 †
- Dennant, J., and J. Mulder: Geology of Lower Leigh valley, XIII. 684 †
- Dennett, R. E.: On Kingdom of Loango, XX. 339
- Dennis, J. S.: Centennial Survey of Foreign Missions, XX. 132 †; Report on ... Canadian Irrigation Surveys, IX. 316 †
- Dennys, N. B.: Descriptive dictionary of Br. Malaya, IV. 85 †
- Density of ocean water: *see* Oceanography
- Dent, C. T.: First ascent of Tsiteli, XIV. 226 †; Influence of Science on mountaineering, VIII. 536 †; Physiological effects of high altitudes, I. 46*; Winter photographs of the Alps, II. 166
- Denhardt, G.: biography, IX. 346 †
- Dentzer, B.: Topographie der Feldzüge Robert Guiscards gegen das byzantinische Reich, XIX. 103 †
- Denudation—Marine, V. 140; Over verweering en het ontstaan van bodemsoorten: J. van Baren, XX. 130; Ueber Winderosion: S. Passarge, XVIII. 555 †
- Deodhanga, Himalayas, III. 565

DESERTS

- Depelley, J.: Cables sous-marines, etc., VIII. 536 †
- Depéret, C.: Structure générale et ... formation de la vallée du Rhône, VI. 483 †
- , et Fourtau, R.: Sur les terrains Néogènes de la Basse-Egypte, XVI. 580 †
- Dépôt de la Guerre, Bibliothèque du, Catalogue, VIII. 533 †
- Depsang Plateau, C. Asia, II. 386
- Depths: *see* Oceanography
- De Quiros: *see* Quiros
- Der, Syria, VII. 549
- Dera Ghazi Khan District, Gazetteer, XIII. 678 †
- Derby, Earl of: Canada, VII. 114 †; legacy to R.G.S., I. 543
- , G. M.: Changes in flood height, Mississippi, XVIII. 643; XIX. 508 §
- , O. A.: Geologia e paleontologia de Matto-Grosso, XII. 436 †; Manganese ore deposits of Queluz district, Minas Geraes, XVIII. 458 †
- Derbyshire—caves in, X. 507; Thorough Guide series: J. B. Baddeley, IV. 468 †
- Dereims, A.: Géographie physique du Plateau de Ternel, I. 564 †; Mission P. Blanchet, VIII. 72 §, 322 †
- Dere-Keui valley, Asia Mi., IX. 40
- Derrécaigaix, Gén.: Des cartes d'Europe en 1900, XVIII. 631 †
- Dervish Frontier, On the: J. T. Bent, VIII. 531 †
- Derwentwater, depth, II. 165, 376; IV. 238; floating island, VI. 62; survey, VI. 58, 162
- Des: for names with this prefix, *see under* specific names
- Desbats, G.: La Mission de la Société d'Océanographie en Espagne et en Portugal, XIX. 767 †
- Descamps, A.: Villages arabes en France, XIV. 675 †
- , Comm.: Au lac Moëro, VII. 213 †
- , E. E.: La neutralité en droit international, XV. 675 †
- "Desceliers" maps of 1546 and 1550, XII. 577, 578; XIV. 574
- Deschamps, E.: L'Isola di Cipro, XII. 322 †; Quinze Mois à l'île de Chypre, XI. 88 †; Reise auf Cypern, XI. 681 †
- , G.: Sur les routes d'Asie, IV. 85 †
- , L.: La France et l'Angleterre devant l'Islam, XIX. 409 †
- Deschanel, P. Privat: *see* Privat-Deschanel, P.
- Descoffre, P.: La Charente préhistorique; XVII. 671 †
- Deserts—
- Denudation in, Prof. Walther on, II. 176
- Dépressions et déserts: A. de Laparent, VII. 117 †

DESERTS

Deserts—*continued.*

- Desert conditions in Britain: J. G. Goodchild, XI. 662; XII. 204 †
 — sand-dunes bordering Nile
 Delta: V. Cornish, XV. 1*
 — travelling in Afghanistan, IX. 409, 410
 Formen der asiatischen Wüste: J. Walther, XII. 439 †
 Gesetz der Wüstenbildung: J. Walther, XVII. 326 †, 521 §
 Origin and characteristics of, de Laparent on, VI. 574
 Wüste und Wüstenvolk: Don Josaphat I. 91 †
 Desforges; pendulum observations, V. 489
 Deshek Ria Ghata, E. Africa, IX. 56
 — Wama (Lake Harding), Journeys beyond: C. H. Craufurd, IX. 54*
 Deshnef, Cape, Siberia: *see* East Cape
 Desjardins, E.: Géographie . . . de la Gaule romaine, I. 563 †
 Despiques, P.: Géographie économique, IX. 687 †; Le Pays Barrois dans l'œuvre d'André Theuriot, VI. 483 †
 Destacamento I., Rio Napo, III. 477
 Detmer, W.: Landschaftsformen des nordwestlichen Deutschlands, X. 647 †; XI. 88 †; Zur Charakteristik einiger Vegetationsformationen, XIII. 569 †
 Detonations—Mistpoeffers: E. van den Broek, IX. 112 †
 Détréz, G.: Recherches sur les distances géographiques, etc., XIV. 687 †
 Dettifoss, Iceland, III. 277; XIII. 487
 Deutschen Kolonialblatt, Inhaltsverzeichnis, VIII. 196 †
 Deutscher Kolonial-Atlas: *see* Germany, Colonies
 — — — — — Schulatlas: R. Lüddecke, V. 408 †
 Devaux, Abbé: Noms de lieux dans la région lyonnaise, etc., XII. 624 †
 — — —, Capt.: Le Tankisso, affluent du Niger, XX. 558 †
 Development of habitable lands: H. R. Mill, XV. 652 §; XVI. 131 †
 Deventer, L. van: Daendels-Raffles, VI. 200 †, 396 †
 Devey, G. P.: Photographs of neighbourhood of Van, III. 444; *see* Naretti, L.
 Deville, A.: Dans le Borgu, Le Royaume de Bouay, VIII. 517 §, 532 †
 — — —, E.: Lever topographique des montagnes rocheuses, V. 183 †; Report on climate of Br. Columbia, III. 143
 Deville, V.: Partage de l'Afrique, XI. 453 †; XII. 306 §
 Devil's Gorge, Zambezi, XVII. 114
 Devinka river, New Guinea, VII. 432
 Dévoluy, Recherches souterraines en: E. A. Martel, XV. 188 †, 428
 Devon—
 Murray's Handbook, VI. 580 †
 Pleasant Land of, III. 528 †

DICKINSON

Devon—*continued.*

- Reduced Ordnance Survey of N.: Bartholomew, VIII. 654 †
 Submerged rock-valleys: T. Codrington, XII. 626 †
 Thorough Guide Series, Devon and Cornwall: C. S. Ward, † VIII. 529; XVI. 574; XX. 553
 Devrezehai, river, Asia Mi., III. 327
 Dewar, J. C.: Voyage of Nyanza, I. 88 †
 — — —, T. R.: Ramble round the globe, V. 188 †
 Dewèvre, A.: Les plantes utiles du Congo, IV. 86 †
 Dex, L.: Fleuves aériens, etc., XIII. 460 †; Notre Transsoudanien, XI. 314 †; Peut-on . . . traverser le Sahara en ballon? XIII. 93 †
 Dey, Nundo Lal: Geographical dictionary of ancient and mediæval India, XX. 667 †
 Dezert, D. du: Mission en Espagne, VII. 328 †
 Dhanis, Baron: remarks on "Expedition to Borgu," VI. 225
 Dhauli Ganga valley, Himalayas, II. 261
 Dhlo-Dhlo, Ruins of, Rhodesia: F. White, XVIII. 550 †
 Dhofar, Arabia, VI. 113; Mr. and Mrs. Bent's explorations, XVI. 101
 Dhulail, Wadi, V. 13
 "Diagram" series of Hand-maps: *see* Dickinson and Andrews
 Diamanti, O.: Le Transvaal, Etat politique, etc., VII. 113 †
 Diamond-mines, Minas Gerães, H. D. Beaumont's report, XIII. 661; Kimberley: W. Crookes, IX. 576 †
 Dianthus-Gruppe, Verbreitung einer alpinen: F. Vierhapper, XV. 445 †
 Dias, B.: Pillar erected by, near Angra Pequena: W. L. Selater, XIV. 337 †; Umseglung des Kaps der guten Hoffnung, XVII. 565 †; voyage round Africa, XII. 11; Voyages of, and Diogo Cão, 1482–88, XVI. 625*; (Appendix on maps illustrating), XVI. 649; (List of place-names), XVI. 651
 Diatom ooze, V. 366; XIV. 433; XIX. 694, 698; in Antarctic, III. 19; of Great Southern Ocean, VII. 539
 Diatoms in polar basin, IX. 524
 Diaz, F. Y.: Por Espana! Memoria premiada, XVIII. 641 †
 Dibos, M.: Travaux de déglacage dans les estuaires, etc., IV. 92 †
 Dicey, E.: Egypt, 1881–1897 . . . , XI. 684 †; S. African Reconstruction, XVI. 370 †
 Dickens, F. V.: Journal kept in Karafuto, XII. 206 †
 Dickey, W. A.: Sushitna river, Alaska, XI. 70 §, 201 †
 Dickinson, B. B.: Geography as a school subject, VII. 571 †; Orographical S. Africa ("Diagram" Hand Maps),

DICKINSON

- XIII. 691 †; Position of towns, XX. 551 †
- Dickinson, B. B. and A. W. Andrews: "Diagram" Series of Hand-maps, XV. 560 †; of lantern slides of maps, XIII. 692 †; XV. 673 §; XVI. 709 †; XVII. 102 †
- Dickson, H. N.: Circulation of surface waters of N. Atlantic, XVI. 589 †; XVII. 564 †; XIX. 354 §; Cloudland: Rev. W. C. Lay (review), VI. 180 §; Distribution of food-fishes, etc., V., 184 †; Eruptions in Martinique and St. Vincent, XX. 49 †; Hydrographical Research in North Sea, V. 581; Mean temperature of the atmosphere and causes of glacial periods, XVIII. 516 †; Mean temperature of surface waters of . . . British coasts, XVI. 130 †; Movements of surface waters of North Sea, VII. 255 †; On a new water-bottle, etc., VIII. 424 †; on oceanographical research, VI. 462; on sunshine, II. 277 †; Oxford degree conferred on, XV. 57; Prof. Pettersson on methods of oceanographic research, XIV. 185 †; Physical survey of N. Atlantic, XI. 185; Recent contributions to oceanography, III. 302 †; Recent researches on climate, X. 303; Report on investigations on board H.M.S. *Jackal*, V. 397 †; Do. on H.M.S. *Research*, XI. 206 †; Surface of sea and weather, VIII. 631; Temperature and density of sea-water between Atlantic and North Sea, II. 375; Temperature and salinity of N. Atlantic, XII. 379; Temperature of European rivers, VI. 264 †
- , J.: *Mètre versus Pace*, VIII. 196 †
- , Consul J.: Report on Jaffa-Jerusalem railway, II. 563 †
- , Baron O.: Biography: A. G. Nathorst, X. 460 †; W. Wolkenhauer, X. 555 †; obituary, X. 106
- , W. K.: Life of Major-Gen. Sir R. M. Smith, XIX. 112 †
- Dickson lake, Patagonia, X. 403
- Dickson's bay, Spitzbergen, early visits to, IX. 356
- Dictionaries—
- Dictionary of National Biography: S. Lee, †IX. 114; X. 343; XII. 440; XIII. 330; XIV. 124
- of Statistics: M. G. Mulhall, XIII. 689 †
- , Standard, of English language, XV. 448 †
- Dizionario geografico Universale: G. Garollo, XI. 461 †
- English and German: Flügel and others, VII. 571 †
- Nouveau dictionnaire de Géographie: V. de St. Martin and L. Rousselet, VII. 415 §, 684 †
- Diderich, N.: Carte de la Région du Mayumbe, XV. 93 †

DIGUET

- Didesa river, Abyssinia, XV. 109; XIX. 88
- Didier, L.: *Entreprises coloniales de la Prusse au XVII^e siècle*, XII. 104 †
- Diehl, Hr.: *Reisebericht des*, XVIII. 641 †; visit to Manenguba range, XVIII. 623
- , C.: *Excursions in Greece to recently explored sites*, I. 180 †
- H.: *Meteorologische Beobachtungen an der Missionstation Ho*, XV. 439 †
- , M.: *Archæology of Algeria and Tunis*, IV. 282 †
- Diener, C.: *Eiszeit im Himalaya*, VII. 441 †; *Ergebnisse der Reisen W. Obrutschews im . . . Nan-schan*, XX. 466 †; *Geologischen Ergebnisse der Reisen von Baron E. Toll*, XVI. 698 †; *Katastrophe von Sodom und Gomorra*, IX. 681 †; XIV. 226 †; *Excursionen des . . . Geologen-Congresses in den Ural*, etc., XII. 93 †; *Expedition in den central Himalaya*, etc., II. 277 †; *Expedition in C. Himalayas*, I. 66; II. 18, 258 †; *Mittheilungen über eine Reise im Central-Himalaya von Kumaon*, VII. 111 †; *Notes on Geological structure of Chitichun region*, XIV. 579 †; *Ueber die Bedeutung des geographischen Moments in geologischen Lokalmonographien*, XIV. 688 †; *Struktur der Südtirolischen Dolomitsücke*, XVI. 119 †; *Wirkungen des grossen ostindischen Erdbebens am 1897 . . .*, XX. 123 †
- Dieppe—Bedeutung Dieppes in Zeitalter der grossen Länder-Entdeckungen: E. Geleisch, I. 91 †
- School of Cartography, maps of, XIV. 421
- Dierkes, L. von M.: *Land und Leute in Finland*, XII. 93 †
- Dieserud, J.: *Norse Discoveries in America*, XVIII. 111 †
- Diest, W. von: *Karte des nordwestlichen Kleinasien*, IX. 114 †; XX. 566 †; *Karte . . . der anatolischen Eisenbahn-Linien*, XII. 443 †; *Von Tilsit nach Angora*, XIII. 214 †, 531 §
- und M. Anton: *Itinerar-Aufnahmen im nordwestlichen Kleinasien*, VII. 226 †; *Neue Forschungen im nordwestlichen Kleinasien*, VII. 329 †
- Diétel, P.: *Geographische Verbreitung der Rostpilze*, XVI. 374 †
- Dieterici, F.: A. Miessler, IX. 115 †
- Dieulafoy, Mme.: *A travers la Perse*, VIII. 530 †
- , J.: *Aragon et Valence, Les beaux-arts, etc.*, XVII. 445 †
- , M.: *L'Acropole de Suse, etc.*, I. 182 †, 437 §
- Digo country, E. Africa, V. 558; people and villages, IV. 426
- Diguet, L.: *Basse-Californie*, XVI. 371 †; *Mission scientifique dans la Basse-Californie*, XVI. 371 †

DIHONG.

- fornie, XV. 84†; Rapport de Mission, XV. 84†; Voyage au versant occidental du Mexique, XV. 441†
- Dihong, river; explorations of, J. F. Needham, XVII. 525, 656
- Dijk, P. Van: De intwatering van het Tobameer, III. 531†; Tochtje langs Zuid-Samosir, etc., IX. 237†; Sumatra, IV. 281†
- Dijon—Commerce du bois de chauffage . . . à Dijon au XVIII^e Siècle: E. Picard, IX. 676†; Relief des environs de, etc.: P. Girardin, XIX. 766†
- Dikeli Tash, Mysia, IX. 273
- Dikoa—Wo liegt Dikoa? H. Singer, XX. 669†
- Dilke, Sir C. W.: British Empire, XIII. 462†; Progress of British Colonial Empire, IX. 469†
- Diller, J. S.: Coos Bay coal field of Oregon, XVI. 371†; Crater lake, Oregon, IX. 579†; XIV. 341†; Educational series of rock specimens, etc., XVI. 490†; Geological reconnaissance in Oregon, XII. 100†; Mt. Shasta, typical volcano, XI. 201†; Revolution in Topography of Pacific coast, etc., III. 533†; Tertiary revolution in do., VII. 216†; Volcanic rocks of Martinique and St. Vincent, XX. 671†
- Dillmann, A.: Results of J. T. Bent's journey in E. Africa, IV. 282†
- Dillon, E. J.: Crete and the Cretans, IX. 677†; First Russian census, XI. 682†
- , Hon. H. A.: Calais and the Pale, III. 435†
- Dilolo, lake, Congo region, XIX. 176; altitude, XVII. 659
- Dinaran or Ab-i-Diz, Persia, IV. 488
- Dinaric Alps, III. 508
- Dines, W. H.: Winter temperature and height of barometer, XIV. 233†
- Dingelstedt, V.: Anthropological investigations in Alps and Caucasus, XIX. 533†; Caucasian Highlands, VI. 293†; Hydrography of Caucasus, XIV. 335†; Igneous rocks of Caucasus, VIII. 648†; Quiet corner of the Alps, III. 529†; Valley of the Joux, XVII. 207†; The Yezids, XII. 323†
- Dingo of Australia, IV. 37
- Dingsar, Tirah, XII. 339
- Dinka tribe, C. Africa, XVI. 179; XX. 618
- Dinklage, L. E.: Eistriften in südlichen Breiten, etc., XX. 106§, 129†; Influence of wind on speed of steamers, XIII. 543, 685†; Stromversetzungen vor der Bucht von Biscaya, VII. 326†; Treibeis im Süden, etc., X. 342†; Treibeis in südlichen Breiten, XIV. 586†; Unerforschte Bank im Südatlantischen Ozean, XIII. 569†
- Dinnik, N. Y.: Province of Kuban, XII. 206†
- Dinse, P.: Die Fjordbildungen, IV. 580†;

DISTANCES

- Ein schwedischer Kartograph der Mark Brandenburg, IX. 336†; Fjords; contribution to morphology of coast-lines, V. 82: *see* Geleich
- Dinter, B. van: Aanteekeningen betreffende het eiland Sidoe, XV. 192†
- , K.: Kreuz- und Querzüge in Deutsch-Sudwest-Afrika, XVIII. 109†
- Dinwiddie, W.: Puerto Rico; conditions and possibilities, XV. 196†
- Dionne, N. E.: Jean-François de la Roque, Seigneur de Roberval, XVII. 327†
- Dions, Le spélunque de: F. Mazaurie et G. Cabanès, X. 546†
- Diós, A.: Mein Besuch in Japan, XVII. 88†; New Far East, XIII. 213†
- Diploma awarded to students under J. Coles, X. 565
- Dirbat, abyss and lake, Arabia, VI. 126
- Dirgi valley, India, III. 183
- Dirk Gerritz archipelago, Antaretic, XVIII. 21; Die Erforschung des . . . Archipels: H. Wichmann, VIII. 422†
- Disco: *see* Disko
- Discovery, Antaretic exploring vessel—Launch of, XVII. 523; XIX. 97, 102; List of Officers and Crew, XIX. 448; Photographs of launching: D. Wilson-Barker, XVIII. 248; Progress, XVIII. 538; Voyage southward, I. London to Madeira: H. R. Mill, XIX. 417*; II. Madeira to the Cape: G. Murray, XIX. 423*; III. *Discovery* and Relief Ship: Sir C. Markham, XIX. 435*; With the *Discovery* to Madeira: H. R. Mill, XVIII. 395*
- Discovery, Geographical (*see also* Exploration)—
- Epoca delle grandi scoperte geografiche: C. Errera, XIX. 661†
- Factores que más han contribuido à los descubrimientos geográficos: I. Cucalón, XIX. 661†
- Progress of discovery and lands of promise to the explorer: A. Heilprin, VI. 103†, 201†
- Scoperte geografiche del secolo XIX.: F. Porena, XVI. 375†
- Sixty years' progress of geographical discovery: A. C. Macdonald, XIV. 467†
- Story of geographical discovery: J. Jacobs, XIII. 220†
- Disko Bay—Sommerrejse i Diskobugten: A. Anderson, IX. 684†
- I.—Undersøgelsesrejse till öen Disco sommeren 1898: K. J. V. Steenstrup, XI. 184; XIX. 379§, 405†
- Dissolving Empire, A: F. W. Hirst, XII. 425†
- Distachurus of New Guinea, IV. 45
- Distances—Aide-memoire to a comparison of geographical; F. J. S. Clevee on, X. 334; Comparing geographical: F. J. S. Clevee, XI. 575†; XIX. 405†; Recherches sur les distances géographiques, etc.: G. Détrez, XIV. 687†

DISTRIBUTION

- Distribution des conditions physiques: A. de Lapparent, VI. 587 †
- Distribution, Faunal map illustrating: J. Welsch, III. 76 †
- , Geographical, and habits of whales: C. Mobius, IV. 266 *
- , of animals (*see also* Zoogeography), II. 338; of terrestrial animals and plants: C. H. Merriam, V. 395 †; VI. 188 §
- , of Arachnida, etc.: R. T. Pocock, XIII. 687 †
- , of life in N. America: C. H. Merriam, IV. 380 †
- , of Mammals: *see* Mammals
- , of plants: C. MacMillan, X. 346 †
- , of scale insects, Notes on: T. D. A. Cockerell, VIII. 425 †
- , of vertebrates in Victoria, A. H. S. Lucas on, XII. 80
- , Proposed new terms in, letter from P. L. Slater, IX. 673
- Distribution géographique et l'évolution des Péripates: E. L. Bouvier, XII. 218 †
- Distribution of towns and villages in England: G. G. Chisholm, IX. 76 *
- Ditmar, K. von: Reisen und Aufenthalt in Kamtschatka, XVII. 551 †
- Dittmar, Prof.: on water-specimens of H.M.S. *Challenger*, V. 362
- , R.: Das Nord-Polarmeer, XIX. 404 †
- Diurnal waves, origin, VII. 239
- Diuturnal theory of the earth: W. Andrews, XV. 558 †
- Divides, Note on migration of: W. S. T. Smith, XI. 321 †
- Divrik, Euphrates valley, VIII. 453
- Dix, A.: Deutschland auf den Hochstrassen des Weltwirtschaftsverkehrs, XIX. 393 †; Ein Jahrhundert des überseeischen Völkerwanderung, XV. 446 †
- Dixie, Lady F.: Memories of a great lone land, II. 91 †
- Dixon, C.: New law of geographical dispersal, VI. 395 †
- , G. G.: Four months of travel in Br. Guiana, V. 337 †; Br. Guiana and Venezuelan boundary, VII. 99; Possibilities of N.W. district of Br. Guiana, V. 91 †
- , H. B.: Ascent of mt. Lefroy, XII. 326 †
- , R.: Index to names, etc., in Geological Survey Reports, Queensland, XIX. 531 †
- Dixon glacier, New Zealand, I. 41
- Djaghathu Chai, Asia Mi., XIV. 507, 519
- Djashankuz valley, Shugnan, XVI. 671
- Djibuti: *see* Jibuti

DOFUNKUYIN.

- Dmitriyeff, N.: Economic state, etc., of inhabitants of Free-Svanetia, XI. 186 †
- Dobar mts., Somaliland, XI. 35
- Doberck: How to manage your ship in a typhoon, VII. 567 †
- Dobinson, Archd.: Visits to Basa country, IX. 463 †
- Dobson, A. A. G.: Leach Bermejo expedition of 1899, XVII. 558 †
- , J. M.: Buenos Ayres harbour works, XV. 84 †, 442 †
- Doby, V.: Navigabilité de la Loire, XVI. 360 †; Question du contesté franco-brésilien, IX. 342 †
- Dochamps, Commune de: L. Delacollette, XII. 536 †
- Dock-book, 1900, XVII. 218 †; Additions and Corrections to, IX. 688 †
- Documents géographiques manuscrits existant dans les Bibliothèques publiques, etc.: E. Fauvel, XII. 642 †
- Dodd, Miss: on school journey in Germany, XI. 443
- , J.: Formosa, VI. 463; VII. 111 †
- , R.: Essays on colonizing, IX. 347 †
- Dodge, F. S.: Kilauea in August, 1892, I. 378 †
- , R. E.: Big trees of California, XVIII. 457 †; First steps in geography of the world, XI. 575 †; Geographical development of alluvial river-terraces, V. 398 †; Geography from nature, VIII. 535 †; Journal of school geography, IX. 451; Life on Colorado plateaus, XVI. 252 †; Notes on geographical education, XVII. 682 †; Reader in physical geography for beginners, XVII. 454 †; School course in geography, XVIII. 460 †; School geography in U.S., X. 655 †; Scientific geography for schools, XI. 159 †; Social function of geography, XIII. 100 †; Teaching of physical geography in elementary schools, XVII. 456 †
- , W. P.: As the crow flies, IX. 689 †
- Doe, Mt., E. Africa, II. 512
- Doenyo Buru, E. Africa, IV. 315
- , Longonot, E. Africa, IV. 314
- , Nyuki, E. Africa, IV. 314
- , Suswa, E. Africa, IV. 314
- Doering, O.: Alturas . . . en la provincia de Córdoba, XIV. 584 †; Insolacion en Córdoba, VI. 97 †; Manifestaciones del magnetismo terrestre en . . . Córdoba, V. 91 †; Observaciones hipsométricas alrededor de Mendoza, XII. 101 †; Reiseberichte von, VII. 332 †; Observaciones magnéticas en . . . Argentina y el Paraguay, VI. 490 †; Resultados hipsométricos de algunos viajes del Dr. G. Bodenbender, XIV. 584 †
- Dofflein, F.: Bericht über meine Reise nach Westindien und Nordamerika, XIII. 689 †
- Dofunkuyin, W. Africa; altitude, X. 393

DOGA

- Doga, Wadi, Tripoli, VI. 384; VII. 151; IX. 629
- Dognon, P.: Orientation . . . des Pyrénées d'après Strabon, XII. 92 †
- Dohrn, A.: Mezzi per promuovere esplorazioni talassografiche, etc., V. 397 †
- Doine, Loch; soundings, XV. 325; temperatures, XV. 335
- Doko people, S. Abyssinia, XX. 387
- Dolbeer, J.: Bequest to Geographical Soc. of the Pacific, XX. 661
- Dolbobanta Somalis, XII. 78
- Dolby-Tyler, C. H.: Earthquake shocks in Ecuador, VIII. 177
- and E. H. Giglioli: Strumenti Litici . . . del Rio Napo, X. 230 †
- Dolga bay, Waigats I., XI. 344
- Dolgoi Ostrov I., XI. 350
- Dolinen of limestone regions, III. 322
- Dollfus, G.: Recherches géologiques sur . . . Vichy, IV. 375 †; Relations entre la structure géologique du bassin de Paris et son hydrographie, XVII. 206 †
- Dolmens in Musashi, Topographical distribution of: S. Yagi, X. 550 †
- of Japan and their builders: W. W. Gowland, XIV. 580 †
- Dolnja Tuzla, population, VI. 383
- Dolomites—
- Climbing reminiscences: L. Sinigaglia, IX. 103 †
- Engadin-Ortler-Dolomiten: T. und M. Wundt, XIX. 103 †
- Topographical map of, IV. 191 †
- Torsion structure of, XVI. 462
- Dolphin*, Cruise of the, in Dutch waters, E. W. Mellor, XI. 192 †
- and *Tamar*, visit to Gilbert Is., VI. 330
- Domandi, Afghanistan, IX. 394
- Dombo mt., C. Africa, I. 306
- Domestication of Animals—Haustiere, etc.: E. Hahn, VII. 338 †
- Dominica—
- Agricultural capabilities of: C. O. Naftel, XIII. 217 †
- Geological and physical development of Barbadoes and: J. W. Spencer, XX. 561 †
- E. H. L. Krause's journeys in, II. 280 †
- Trade Rep., XVII. 325 †
- Dominican Republic, The: J. R. Abad, II. 383 †
- Dominik, H.: Biography, XVII. 98 †; Kamerun, sechs Kriegs und Friedensjahre, etc., XVIII. 306 §, 329 †
- Dominguez, A. M.: Disertación hidrográfica, XIII. 456 †
- , Don F. L.: remarks on "Explorations in Patagonia," XIV. 374
- Domira Bay, lake Nyasa, Journey from, to Fife: C. McKinnon, XIX. 603 *
- Domitian, roads made during reign of, VIII. 470

DORA

- Don, J. B.: Notes of journey in S. Africa, II. 474 †
- , W. G.: Archaeological Notes on early Scotland, VII. 561 †; Reminiscences of Baltic fleet of 1885, V. 400 †
- Donald, C. W.: Cruise of *Balena* and *Active* in Antarctic seas, VII. 625 †; Preliminary report on voyage to Antarctic, II. 433
- Donaldson, F.: Lepcha Land, . . . Sikhim Himalayas, XVI. 697 †
- , T.: Cherokees of N. Carolina, III. 162 †
- Donaldson mts., New Guinea, XVI. 269
- Donaldson Smith, A.: see Smith
- Donat, F. von: Pontine Marshes, VII. 439 †
- Don Cossacks—Wirtschaftliche und kulturelle Lage der Don'schen Kosaken, XVIII. 322 †
- Dondin I. of Friar Odoric, identification, XV. 277; Do., R. du Caillaud on, VII. 659; Dondiin et les Philippines: A. Gummá y Martí, X. 455 †; El Archipelago D.: Id. y R. du Caillaud, XI. 91 †
- Donegal—
- In dark Donegal, VIII. 529 †
- Map: Bartholomew, X. 559
- Mineral industry of U.K., X., Donegal, XVII. 319 †
- and Antrim, Highways and byways in: S. Gwynn, XVII. 86 †
- Donga river, Benue, XIV. 632
- Dongola et la Nubie: O. Abbate Pacha, X. 551 †
- Expedition of 1896: A. H. Atteridge, X. 340 †; Map: W. and A. K. Johnston, VII. 573 †
- Dongorreh, Somaliland, XI. 17
- Donkyr, C. Asia: see Tankar
- Donne, L'isola delle, Viaggio ad Engano di E. Modigliani, III. 438 †
- Donner, O.: Voyage en Turkestan et en Dzoungarie . . . , XIX. 652 †
- Donnet, F.: Anversois aux Canaries, VII. 112 †; Deux lettres de Bory de Saint Vincent, XIX. 662 †; Emigrations anciennes des Anversois, IX. 573 †
- Donos Group, Caucasus, I. 63
- Donovan, C. H. W.: With Wilson in Matabeland, IV. 578 †
- Donsen, M.: Klein-Tibet, XVIII. 230 †
- Donye Ngai, E. Africa, VI. 275
- Donyu Elgon, Br. E. Africa, XIV. 283
- Ronyu, XIV. 283
- Doobaunt lake, N. Canada, IV. 444
- Doolittle, C. L.: Variation of terrestrial latitude, XII. 329 †
- Dooman, I.: Influence of Greco-Persian art on Japanese arts, X. 455 †; XIV. 679 †
- Doorman, J. G.: Die Niederländisch West-Indische Compagnie an der Gold-Küste, XIII. 563 †
- Dora Baltea valley, V. 70

DORCHESTER

- Dorchester, Roman site at, X. 520
Dorcopsis of New Guinea, IV. 45
 Dordogne, Mise en culture des terres de
 bruyères de: R. Bouilhac, VII. 107†
 Dorfo, R. de: La república di Colombia e
 la sua situazione economica, X. 457†
 Dormoy, M.: Mascaret de la Seine, I. 81†
 Dorn, A.: Die Seehäfen des Weltverkehrs,
 IV. 91†
 Dornin, P.: Dans le nord du Sudan fran-
 çais, XVIII. 232†; Du Soudan au Maroc
 et à l'Algérie, XVIII. 640†; La ques-
 tion de la Tripolitaine, XX. 357†; La
 question musulmane dans le Centre
 Africain, XX. 557†
 Dornseiffen, I.: Java (map), IX. 690†;
 Soematra, Bangka, etc., IX. 691†
 Dorset and Wilts, Handbook: J. Murray,
 XIV. 677†; Rainfall, etc., in Dorset:
 H. S. Eaton, XI. 193†, 194†; XVI.
 574†
 Dorsey, G. A.: Archæological investiga-
 tions on Island of La Plata, Ecuador,
 XIX. 402†; Bibliography of anthropo-
 logy of Peru, XII. 543†; Bootfahrten
 zwischen Haida- und Tlingit-Dörfern,
 XIII. 456†; Observations on collection
 of Papuan crania, XI. 319†
 ———, J. O.: Study of Siouan cults, VI.
 196†
 Dortmund-Ems Canal, Germany, V. 379;
 XI. 191†; Do.: Hermann, XX. 350†;
 Dortmund-Eemskanaal: A. A. Beek-
 man, XII. 536†
 Dortsman, A.: Documenten betreffende
 de ontdekkingsreizen van, VII. 683†
 Doubouca, Grotte de: J. Cvijić, VII. 439†
 Doubs et de la Loue, Les réseaux hydrogra-
 phiques du: E. Fournier, XVI. 360†
 Douchet, H.: La Principauté d'Andorre,
 etc., XI. 564†
 Doughty, A. G.: Probable site of battle of
 the Plains of Abraham, XVII. 450†
 ———, M.: Afoot through Kashmir
 valleys, XX. 123†
 Douglas, C. E.: Gill memorial awarded
 to, IX. 555; X. 109
 ——— and A. P. Harper: explorations
 in Westland Alps, N.Z., V. 61*
 ———, Hon. J.: Asia and Australasia,
 XX. 470†; Islands and inhabitants of
 Torres Straits, XVII. 214†; Past and
 Present of Thursday I. and Torres Straits,
 XVI. 128†
 ———, J.: Consolidation of the Iroquois
 Confederacy, X. 122†
 ———, Miss M.: Across Greenland's
 ice-fields, IX. 466†
 ———, R. K.: China, XIII. 677†
 ———, W.: Climbers' camp at Coruisk,
 XIII. 319†; Explorations on Loch
 Coruisk and Coolin Hills, XIII. 427
 Douglass, A. E.: Ascent of Popocatepetl,
 X. 651†; Altitudes of Orizaba and
 Popocatepetl, XII. 213†; Effects of
 high mountain climbing, XII. 220†

DRAENERT

- Douliot, H.: Journal du voyage fait sur la
 côte ouest de Madagascar, III. 532†
 Douthé, E.: Djebala du Maroc, XV. 82†;
 Excursion dans la région forestière du
 Cap Bougarone, X. 456†; Mission
 d'études au Maroc, XIX. 375§, 657†
 Dove, K.: Beiträge zur Geographie von
 S.W. Afrika, III. 439†; IV. 271§;
 Ergebnisse einer . . . Reise im südlichen
 Damaraland, IX. 239†; Geographische
 Bezeichnungen in der Namasprache,
 XVII. 323†; Kriegsschauplatz in Süd-
 afrika, XVI. 251†; Landschaft um
 Windhoek, VIII. 652†; Meteorologische
 Beobachtungen aus den Deutschen
 Schutzgebieten, XIX. 112†; on pros-
 pects of Germ. S.W. Africa, V. 485;
 Reiseroute zwischen dem Khous-Gebirge
 und dem Swakab-Thal, IX. 247;
 Swakopmund einst und jetzt, XIX.
 233†; Von Walfischbai nach Otjimbingue,
 I. 84†; Wissenschaftliche Aufga-
 ben in Südwestafrika, X. 176, 229†
 Dove glacier, Franz Josef Land, X. 189
 Dover Harbour Works: J. C. Coode and W.
 Matthews, XVI. 363†
 ———, Straits of, Surveys, IX. 656; Tidal
 Currents, etc.: W. U. Moore, XV. 445†
 Dovey Estuary, N. Wales. Sand-Wave
 Observations at, XVIII. 190
 Dowding, H. W.: map showing Surveys,
 etc., from Quito down Rio Napo, VII.
 121†
 Dowling, D. B.: Geological Survey of
 Canada, General index, XVII. 555†;
 Physical geography of Red River valley,
 XIX. 774†; XX. 454§; Report on . . .
 vicinity of Red Lake, etc., VIII. 191†,
 299§
 ———, R.: Study of the river, XVII.
 564†
 ———, T. E.: Kerak in 1896, VIII. 651†
 Down, T. C.: Adventures at Klondike,
 XIII. 94†
 Downes, R. H. B.: Determination of longi-
 tude in land surveying, XII. 545†
 Downing, A. M. W.: Biography, X. 343†;
 Cloud statistics for stations in India,
 etc., X. 119†; Date-line in the Pacific,
 XV. 415; * Precession tables, etc., XV.
 447†; Taylor's General Catalogue of
 stars for the Equinox, XVIII. 340†;
 Where the day changes, XVI. 587†
 Downs, South, geological formations, XV.
 209, 215; roads, XV. 223
 Doyen's Dune, Ismailia, XV. 3, 27
 Doyle, J.: Magnetical dip & declination
 in Philippine Is., XX. 467†
 ———, K. D.: Rio del Fuerte of Mexico,
 XVI. 582†
 ———, P. J.: Tifones del Archipiélago
 Filipino, XVI. 248†
 Dozy, R.: Vesperas do Centenario, VII.
 439†
 Draenert, F. M.: Hohenklina des Staates
 Minas Gerias, XI. 202†

DRAGON-FLIES

- Dragon-flies, Geographical distribution of: G. H. Carpenter, XII. 218†
 Dragon lake, Pamirs, VIII. 244, 246
 Dragonnière et de Midroï, Les rivières souterraines de la: P. Raymond, X. 646†
 Dragon's cave, Majorca, X. 510
 Dragoona, M.: Pokushai za Bibliographiju o Tsrnoï Gori sastatvno, I. 374†
 Drahe, A.: Kiao-Tchéou, XVII. 87†
 Drainage modifications and their interpretation: M. R. Campbell, IX. 112†
 Drake, Sir Francis, VII. 339†; Drake and the Tudor Navy: J. S. Corbett, XI. 527, 574†
 —, N. F.: Geological reconnaissance of Indian territory, XII. 327†; Topography of California, XI. 97†
 Drakensbergen, Notes on geology: F. F. Churchill, XIV. 337†
 Dranse river, A. Delebecque's observations, III. 234
 Drapeyron, L.: A travers l'Allemagne du Nord, XVII. 444†; biography, G. Regelsperger, XVII. 682†; Calcul géographique . . . de Carthage, XI. 95†; Comment Michelet est devenu historien et géographe, XIII. 100†; XIV. 235†; Co-ordination en géographie, XI. 461†; Enquête sur la première grande carte topographique, XIX. 392†; F. Coello, J. V. Barbier, etc., XIV. 124†; J. R. Zannoni, XI. 324†; La vie et les travaux . . . de C. de Thury, IX. 345†; Le général Tricoche, XVI. 590†; Le premier atlas national et la Ménippée de Tours, V. 403†; Les Capitaines, gardiens du dépôt de l'observatoire, etc., VII. 684†; Notice biographique sur Christian Garnier, XIII. 687†; Travaux géographiques de Cassini de Thury, VIII. 425†
 Dratzigsee in Pommern: W. Halbfass, XVII. 85†
 Dravidian races in Makran, VII. 389
 Dresser, J. A.: Physical Geography of . . . Appalachian Mt. System, XVII. 451†
 Drew, F., Woodcut of Peak K₂ by, letter from H. H. Godwin-Austen on, III. 431
 Driencourt, Rollet de l'Isle, et Laporte: Rapport sur les missions hydrographiques de Madagascar, XII. 632†
 Drift-bottles and surface currents: G. Schott, XIII. 686†
 Drift-casks for investigation of Polar currents, XII. 194; XIV. 326; XVIII. 627; Drift casks to determine Arctic currents: H. G. Bryant, XV. 443†
 Drift-dams in Lake District, VII. 619
 Drift-ice; in North Polar basin, IX. 480, 491; observations on, XIV. 544; Om drifisen i Norra Atlanten: O. Pettersson, XVII. 454†; Studies among drift-ice of Polar seas: A. E. Nordenskiöld, XI. 492; *see also* Arctic, Antarctic

DRYGALSKI

- Drin river, Albania, XI. 422, 424
 Drinking-water in the Tropics; Bergé on, XII. 423
 Drioton, C.: Les Cavernes de la Côte-d'Or, X. 546†
 Drizhenko, T. K.: Expedition to Lake Baikal, IX. 663; XI. 92†, 143†; XIX. 754
 Drolma Nam-tso, Tibet, III. 372 note
 Dromard, Lieut.: Surveys, Ivory Coast, XVII. 661
 Dromaux, Père; expedition to Karema, Tanganyika, XIII. 535
 Dronek, A.: W. Wolkenhauer, XII. 546†
 Droogmans, H.: Carte du Bas-Congo, XIV. 565 §, 694†; XVIII. 652†; XX. 678†; Le Congo, IX. 238†; Notices sur le Bas-Congo, XIX. 771†
 Droppers, G.: Population of Japan in Tokugawa period, V. 507†
 Drovetti; *see* Frediani
 Drude, O.: Ausbildung der pflanzengeographischen Kartographie, XIX. 407†; Yews in N.W. Germany, VIII. 634
 Drug trade in foreign countries, XIII. 99†
 Druids, Irish, and old Irish religions: J. Bonwick, IV. 91†
 Drummond, A. T.: Canadian lake of subterranean inflow, XV. 180
 Drunkie, Loch; soundings, XV. 324, 352; temperatures, XV. 334
 Druzes of Bashan, V. 22
 Dryepont: Climat et l'hygiène au Congo, VIII. 417†; Mission médicale au Congo, XI. 459†
 Dryer, C. R.: Eskers and esker lakes of N.E. Indiana, XVIII. 93 §; Geography as a university study, XI. 575†; Lessons in physical geography, XIX. 239†, 629 §; Organization of geography, XVII. 683†; Studies in Indiana geography, XI. 318†
 Drygalski, E. von: Advantages of Antarctic exploration, XIII. 407; Bericht über den Verlauf . . . der Grönland Expedition, III. 350†; Biography, XVIII. 343†; Der gegenwärtige Stand-punkt der Polarforschung, VII. 337†; Die Aufgaben der Forschung am Nordpol und Südpol, XI. 572†; Die Deutsche Südpolar-Expedition, † XV. 444; XVIII. 279; XIX. 404, 531, 660, 778; Do., auf den Schiff *Gauss*, XX. 223 §, 471†; Die Eisbewegung, XII. 216†; Greenland Expedition, II. 464; III. 47*; German Antarctic expedition, XI. 439; XV. 444†; XVIII. 279; Grönland-Expedition der Gesellschaft für Erdkunde, XI. 572†; XIV. 231†; Plan . . . der deutschen Südpolar-Expedition, XV. 443†; Photographs of Greenland, V. 598; Skizze der Reisewege der Grönland-Expedition, III. 79†; S. Polar discovery and the ice problem, V. 590;

DRYGALSKI

- Ueber die Bedeutung der Deutschen Sudpolar-Expedition, XV. 197 †
- Drygalski, E. von, and E. Vanhöffer: Von der Grönland-Expedition, III. 536 †
- Du: for names with this prefix, *see under specific names*
- Dualas of Cameroons and their treatment of disease, IV. 565
- Dubh, Lochan; bathymetrical survey, XVII. 275
- Dübi, H.: Bergreisen und Bergsteigen in der Schweiz, XIX. 104 †
- Dubinsky, V.: Détermination . . . magnétisme terrestre à Kamenets-Podolsk, Khotine, et Odessa, XIII. 211 †
- Dubois, A.: Reveil de la tendance des Belges à s'expatrier, XVII. 566 †
- , E.: Circulation of carbonate of lime and age of the earth, XVIII. 647 †; Over den ouderdom der aarde, XVII. 97 †
- , F.: Explorations in bend of the Niger, XI. 668; Tombouctou la mystérieuse, IX. 106 †
- , G.: Die Keloet-Eruption . . ., XX. 123 †
- , M.: Enseignement de la Géographie économique, XVII. 456 †; La Nouvelle Calédonie, IX. 683 †; La Tunisie, XIV. 228 †; Les colonies et l'enseignement géographique, VIII. 534 †; L'Hydrographie des eaux douces, III. 256 †, 427; Systèmes coloniaux et peuples colonisateurs, VI. 588 †; VII. 193 §
- , et C. Guy: Album géographique, XI. 460 †; XII. 331 †
- , et J. G. Kergomard: Précis de géographie économique, XI. 688 †; XX. 472 †
- , et A. Terrier: Les Colonies françaises, XIX. 242 †, 783 †
- , R.: Le Tonkin en 1900 . . ., XVII. 87 †
- Dubourg de Bozas, Vicomte: Expedition in Abyssinie, XVIII. 89; XIX. 755; XX. 229 §, 557 †
- Dubreucq, R.: Les opérations Chaltin dans le Haut-Ouellé, XIII. 561 †; Les populations naines de l'Afrique, XIV. 117 †
- Duckerts, M. J.: L'Amérique centrale, XVII. 94 †
- Duclaux, E.: Atmospheric actinometry, etc., X. 233 †, 653 †
- Ducommun, E.: A. Schaffter et la Société de Géographie de Berne, XIII. 219 †
- Ducet, P.: Exploitation . . . du Nioro, XII. 434 †
- Dudley, W. R.: Forest reservations, etc., VIII. 192 †
- Duerden, J. E.: Distribution of Actinaria of Jamaica, XII. 218 †
- Duff, A. W.: Seiches on Bay of Fundy, X. 234 †; Tidal phenomena of St. John river, X. 650 †; XI. 454 †

DUNDAS

- Duff, Grant: *see* Grant Duff
- , H. H.: Letters on Shwe-li and Tai-ping rivers, XX. 111, 462
- , U. F.: Prehistoric ruins of Rio Tularosa, XI. 201 †
- Duffart, C.: Carte de Masse, XII. 440 †; Distribution géographique des dunes, etc., XII. 91 †; La magnétite des dunes de Gascogne, XII. 321 †; Le Bassin d'Arcachon, IX. 335 †; Le lac de Lacanau en 1700 et 1900, XX. 666 †; Les anciennes baies de la Gascogne, VII. 560 †; Les embouchures et les lits anciens de l'Adour, etc., IX. 557, 573 †; Sur l'âge des dunes et des étangs de Gascogne, XIX. 227 †; Topographie . . . des lacs de Cazaux et de Parentis-en-Born, XIII. 675 †
- Duff Is.: *see* Taumaco
- Dufferin and Ava, Marquis of; obituary, XIX. 384
- Duffle, Sudan, IX. 370; XX. 615; position, IX. 390
- Dufour, C.: Les poussières et la transparence de l'air, VIII. 424 †
- , H.: La récoloration des Alpes après le coucher du soleil, VII. 219 †
- Dufresne, Dr. E.: E. Chaix, XIV. 124 †
- Dugast, G.: First Canadian woman in the North-West . . . Marie A. Gaboury, XX. 473 †
- Dughun, Wadi, Tripoli, IX. 629
- Dühmig, K.: Der Berg Athos, I. 181 †
- Duhuk, Persia, X. 580
- Duignan, W. H.: Staffordshire place-names, XX. 122 †
- Dujardin-Beaumetz, F.: Le commerce de la Chine, X. 549 †
- Duke, J.: Ince's Kashmir Handbook, I. 181 †
- Duke of York I., Antarctic, XVI. 390; XVII. 486
- Dukhi river, Nile, IX. 374
- Dulcigno, Montenegro, IV. 391
- Dulio, E.: I Commerci del Benadir, XVII. 449 †
- Dulit, mt., Borneo, C. Hose's journey to, I. 197; Fauna, I. 201
- Dumba town and people, W. Africa, XIV. 632
- Dumble, E. T.: Soils of Texas, VII. 334 †
- Dume, dwarf tribe, E. Africa, VIII. 225
- Duméril, A.: L'Esprit des Croisades au XV^{me} Siècle, VI. 398 †
- Dumi lake, Tana river, IV. 299
- Dumont, A.: Dépopulation dans l'Orne, XI. 447 †
- Dun, W. S.: Economic geology of N. S. Wales, XVII. 96 †
- Duna river, Western, Historical and geographical sketch of: Y. Sapunov, II. 561 †
- Duncan, E.: Scottish races, etc., XI. 89 †
- Dundas, F. G.: Expedition up Jub river, I. 209 †; Exploration of rivers Tana and Jub, I. 376 †; obituary, XIII. 545

DUNDAS I.

- Dundas I., Pacific, VI. 334
 Dundee I., Antarctic, II. 437; VII. 633, 635
 Dundry Hill, Excursion to: S. S. Buckman, XIX. 651†
 Dunes: *see* Sand-dunes
 Dungan Rebellions, Country of: M. Bell, VIII. 309†; Tungani race, V. 252
 Dungbure mts., Mongolia, III. 369
 Dungeness, Admiralty survey of, XII. 70; beach of, XI. 649, 651; XII. 541; Dungeness Foreland: F. P. Gulliver, IX. 536*; X. 454†
 Dunham, R. W.: Maize and its Uses XIV. 234†
 Dunker, E.: on changes in river courses, III. 239; Wirkung der Flüsse auf die Gestalt . . . der Erdoberfläche, III. 76†
 Dunkirk—Ce qu'a coûté le Port de Dunkerque, etc., H. Terquem, XVII. 84†
 Dunmail Raise, On origin of: R. D. Oldham, XVII. 300§; XVIII. 323†
 Dunmore, Earl of: Journeys in Pamirs, II. 385§; letter on criticism of his book, IV. 180; Note on Map, II. 402; The Pamirs, III. 70†, 115§
 Dunn, E. J.: Notes on Dwyka Coal Measures at Vereeniging, XVI. 370†
 Dunraven, Earl of: Self-instruction in . . . Navigation, XVI. 690§, 703†
 Dunstan, B.: Clermont Coal Measures, XVIII. 338†; Report on do., XVIII. 236†; Report on . . . Country between Warren and Mt. Lion, XVI. 586†; on Geology of Dawson and Mackenzie rivers, XX. 361†; on Coal Measures of Stanwell, XIV. 464†
 —, W. R.: Coal Resources of India, etc., XIX. 752§; XX. 123†
 Duparc, L., et F. Pearce: Recherches géologiques . . . sur l'Oural du Nord, XX. 552†; Roches éruptives du Tilai-Kamen, XIX. 228†
 Duperry, Adm.: visit to Gilbert Is., VI. 335
 Duplex, Le deuxième centenaire de: G. Bonvalet, IX. 468†
 Duponchel, A.: La circulation des vents et de la pluie, I. 186†; VI. 100†; VII. 118; La colonisation africaine et le chemin de fer de Madagascar, XI. 568†; do., et les chemins de fer transsahariens, XV. 83†; Les actions planétaires et la température terrestre, XVI. 588†; Les barrages de retenue et l'aménagement des eaux courantes, VIII. 195†; Les inondations et la charité collective, XVI. 120†; Les taches solaires et les variations de la température, XI. 321†; Madagascar: chemins de fer, X. 551†, 552†; Nouvelle théorie cosmogonique, VII. 220†; IX. 689†; XIV. 125†; Questions de politique coloniale, XVI. 590†
 Dupuy, P.: Le sol et la croissance de Paris, XVI. 484†

DUST-FALL

- Durance; Dépôts glaciaires . . . du bassin de la: W. Kilian et A. Penck, VII. 220†; Deux systèmes de plis conjugués dans: E. Haug, VII. 220†
 Durand, A.: Making of a frontier, XV. 191†, 517§
 —, E. R.: Autumn tour in W. Persia, XX. 556†
 —, F. N.: Les Moïs du So'n-Phong, XVIII. 455†
 —, J.: Chez les Ouébias, en Nouvelle-Calédonie, XVII. 95†
 —, Sir M.: remarks on "Recent journeys in Persia," X. 595
 —, T., et H. Schinz: Flore de l'Etat indépendant du Congo, XI. 313†
 — et G. de Lapouge: Matériaux pour l'anthropologie de l'Aveyron, XII. 321†
 Durand-Greville, E.: Aurores boréales VIII. 423†; IX. 112†; Détermination du point sans sextant, IX. 582†; gyroscope for latitudes and longitudes, IX. 565
 Durand-Lapie, P.: Le Comte d'Escayrac de Lauture, XVI. 494†
 Durazzo, trade, XIII. 676†
 Durban, W.: Russia as it is, IX. 678†; Trans-Siberian Railway, XIV. 680†
 Durègne, E.: Dunes primitives . . . de la côte de Gascogne, IX. 676†; Mode de formation des dunes primaires de Gascogne, X. 225†, 634§
 Durham, Plan of: J. Bartholomew, I. 572†
 Durier, C.: Catastrophe de Saint-Gervais-les-Bains, I. 179†; Vesuve et Capri, IX. 336†
 Durie-Weine valley, Somaliland, XI. 140
 Durmitor Mt., Montenegro, IV. 392
 Duro, C. F.: El Derecho á la ocupación de territorios en la Costa occidental de Africa, XVIII. 110†; Juan Cousin verdadero descubridor de América, IV. 91†; Los Cabotos Juan y Sebastian, II. 282†; Relación breve . . . viaje que hizo A. de Mendaña, VII. 684†; Tadeo Haënke, XX. 473†
 Durr, L.: Die Karenen, XI. 195†
 Durra river, Abyssinia, XVIII. 50
 Duruksh, Persia, XIX. 151
 Daruma country, Water-holes of, II. 116
 Duruy, V.: Mission dans le Nord-Ouest de Madagascar, XIV. 337†
 Dusen, K. F.: Om Sphagnacearnas Utbredning i Skandinavien, VI. 194†
 Duscén, P.: Flora der Insel Jan Mayen, XVIII. 555†; XIX. 531†; Från Patagoniens vestkust, etc., XI. 203†; journey across S. America, XI. 184; Kamerun-området, VII. 443†; Kartläggningen af Kejsar Frans Josefs fjord och Konung Oscars fjord, XVII. 326†; Vaxtfynd från nordöstra Grönland, XVIII. 339†
 Dust-fall—Bericht über auf dem Meere

DUST

- beobachtete Staubbälle, XII. 638 †;
 Stauffall von Marz, 1901, in Nord-Afrika, etc.: G. Hellmann und W. Meinardus, XIX. 780 †; XX. 107 §
 Dust particles in the atmosphere, etc., Number of: J. Aitken, VIII. 424 †
 — storms at Niya, C. Asia, IX. 549
 Dutch: *see* Holland
 — East Indies: *see* East Indies, Dutch
 — New Guinea: *see* New Guinea
 — Guiana: *see* Guiana, Dutch
 Duthie, J. F.: Botany of Chitral relief expedition, XIII. 320 †; Report on botanical tour in Kashmir, V. 281 †
 Dutrait: Topographie ancienne des étangs de Hourtin et de Lacanau, VIII. 514 §, 527 †
 Dutreuil de Rhins; Biography: W. Wolkenhauer, IX. 538 †; death, IV. 276, 572; St. G. Littledale on, V. 484; S. Hedin on, V. 380; explorations in C. Asia, III. 57; VI. 279; letter from F. Grenard on, XIV. 328; Forschungsreise in Central Asien, IX. 104 †; Mission scientifique dans la Haute Asie, XI. 450 †; XIII. 159 §, (atlas) 573 †; XIV. 91 §, 225 †, 442 §
 Dutt, W. A.: Highways and Byways in E. Anglia, XVII. 672 †; Norfolk, XX. 553 †
 Dutta, P. N.: Geology of country along Mandalay—Kunlon Ferry railway route, XVI. 577 †
 Duveyrier, H.: Itinéraire de Telesân à Melila, II. 479 †; Telesân à Melila en 1886, III. 346 †
 Duvier, C., and F. Schrader: Sur les routes du Mont-Blanc, IX. 335 †
 Duysters, E.: Impressions d'Égypte, X. 340 †
 Dwarf domestic animals of Pygmies: R. G. Haliburton, X. 555 †
 — races of Africa, VI. 468; of Somaliland, VIII. 225, 235, 237; of C. Africa and Kamerun, XIII. 196; of Caroline Is., XIII. 124
 Dwempindu, W. Africa; position, IX. 390
 Derryhouse, A. R.: Glaciation of Teesdale, Weardale, and Tyne valley, XX. 553 †
 Dwirat, Tunis, XI. 583, 589
 Dyaks, of Borneo, XVIII. 297; Name of Dyak, H. Ling Roth on, VII. 432
 Dybowski, J.: Itinéraire dans l'Afrique Centrale, I. 94 †, 165 §; Journeys in French Congo, IV. 176; Organisation d'un voyage d'exploration, XIV. 347 †; La route du Tchad, du Loango au Chari, II. 380 †; III. 503 §
 Dyé, A. H.: Le Bahr el Ghazal, etc., XX. 557 †; Les voies de transport dans le Haut Oubangui, XV. 437 †; Positions géographiques déterminées astronomiquement en Afrique centrale, etc., XIX. 505 §, 655 †
 Dyea pass and river, Alaska, XII. 22

EARTH

- Dyer, E. J.: Colony of Victoria, IX. 466 †; Routes and Mineral Resources of N.W. Canada, XI. 455 †
 —, H.: Mt. Whitney trail, I. 568 †
 —, T.: remarks on "Expedition to the Hadramut," IV. 331
 Dymchurch wall, IX. 542, 545
 Dzhnanashvali: Georgian annals and historians on N. Caucasus and Russia, XI. 568 †
 Dzhorbenadze, C.: Negroiti village and its inhabitants, XI. 568 †
 Dzungaria, Klementz' journeys in, XIII. 658

E

- Eaglehawk and Crow, Australian aborigines: J. Matthews, XIV. 685 †
 Eamont river, Lake district, VI. 615
 Earth (*see also* Continents, Oceanography; *for delineation on globe, see* Globe)
 Age de la terre, Sur l': M. P. Rudzki, XVIII. 340 †
 Age of the Earth: C. King, I. 185 †; Circulation of carbonate of lime and age of the Earth, XVIII. 647 †; Age of the Earth and sodium of the sea: A. R. Hunt, XVIII. 249 †; Age of the Earth as an abode fitted for life: Lord Kelvin, XIV. 123 †, 232 †, 465 †; Geological age of the Earth: J. Joly, XVI. 373 †, 588; XVII. 563 †; L'age des formes topographiques: A. de Lapparent, V. 183 †; Ouderdom der Aarde: E. Dubois, XVII. 97 †; Solubility of calcium carbonate in seawater: E. Cohen and H. Raken, XVIII. 647 †
 Ansichten über das Erdinnere, XV. 88 †
 Antlitz der Erde: E. Suess, XIX. 111 †; French edition: *see below*, Face
 Area of land, A. Oppel on, I. 363; On areas of land and water of the globe: H. Wagner, VI. 100 †, 576 §
 Asymmetry of Northern Hemisphere: Suess, XIII. 308 †, 328 †
 Bau der Erdkruste: A. Philippson, VII. 220 †
 Bildungsgeschichte der Erdrinde: E. Zaehe, X. 461 †
 Configuration of earth's surface: Sir J. Lubbock, VI. 545 †; XV. 46 †; XVI. 257 †
 Cooling of the earth as a cause of evolution, R. Quinton's observations, IX. 563
 Crust of the Globe: J. L. Lobley, XII. 439 †
 Curvature of the Earth and refraction: R. Reber, III. 537 †
 De la prétendue sphéricité de la terre connu des anciens Egyptiens: Abbate Pasha, I. 571 †
 Déformation tétraédrique de la terre: M. Bertrand, XVI. 130 †, 232 §

EARTH**Earth—continued.**

- Density of the Earth, mean: J. H. Poining, III. 537†; Bestimmung der mittleren Dichte der Erde: Rein, XV. 87†; Dichte der Erde: Prof. Tumlirz, II. 375 §, 567†
- Directions conjuguées des plissements et fractures de l'écorce terrestre: A. Souleyre, XV. 556†
- Distribution of soil on surface of; A. von Tillo's investigations, I. 363
- Diurnal theory: W. Andrews, XV. 558†
- Divisions of zones of the Earth: F. Minutelli, I. 380†
- Earth a great magnet, the: J. A. Fleming, XI. 104†
- Earth sculpture or origin of land-forms: J. Geikie, XIII. 328†
- Earth's surface, and solar energy, I. 541*; Causes of changes of, II. 524; forms of, V. 577; Study of, II. 355
- Erde, Die: F. Heiderich, VII. 684†
- als Ganzes, Die: J. Hann, IX. 113†
- und das Leben: F. Ratzel, XIX. 500 §
- Erdmagnetismus und Erdgestalt: A. Schmidt, VII. 338†
- Erdoberfläche: A. Penck, XI. 687†
- Erste Entwicklung unserer Erde: P. Engelbrechtsen, XIX. 238†
- Essay on theory of the Earth: M. Cuvier, trs. R. Kerr, II. 383†
- Estimates and causes of crustal shortening: C. R. Van Hise, XI. 573†
- Etudes synthétiques sur la forme de la terre: R. de Girard, XII. 545†
- Extension ancienne des terres australes: F. Prien, V. 183†
- Face de la terre: E. Suess, XI. 321†, 440 §; XVI. 130†
- Face of the earth: C. Lapworth, VI. 395†
- Feste Erdrinde und ihre Formen: E. Brückner, XVII. 216†
- Geographical conditions of the Earth, III. 125
- Gestaltungsprincip der Erde: P. Reibisch, XIX. 780†
- Gross topography of the globe: G. L. Collie, XVII. 326†
- History of the Earth: R. D. Roberts, I. 379†
- Hypothesis of support of the continents: M. Rateau, II. 477†
- Influence de l'homme sur la terre: A. Woëikof, XVIII. 648†
- Is the Earth a planet? C. Robertson, V. 402†; X. 345†
- Magnetic state of the earth, XI. 523
- Mean radial variation of the globe: J. L. Lobley, XI. 105†
- Measurement, XIII. 685†; XV. 444†; A. Fowler, X. 232†

EARTH PILLARS**Earth—continued.**

- Model of the Earth: T. Jones, VI. 400†; Proposed gigantic model: A. R. Wallace, VIII. 195†
- Morphology: *see* Geomorphology; Land forms
- Movements in crust (*see also* Earthquakes, *below*)—Earth-crust movements and their causes: J. le Conte, IX. 669, 685†; XIII. 568†; Hypothesis to account for: J. W. Powell, XI. 573†; Contraction theory of, R. Sieger on, II. 174; Epeirogenic uplift: W. Upham, IV. 380†; Mouvements de l'écorce terrestre: A. de Lapparent, X. 233†; Mouvement de rotation de l'écorce solide du globe: F. Folie, XV. 556†; Movements of Earth's crust: J. Milne, VII. 229*; Wrinkling of, Walker on, IX. 651
- Notions générales sur l'écorce terrestre: A. de Lapparent, XI. 103†
- Oceans and Continents, J. W. Gregory on distribution of, XII. 527
- Origin of land-forms through crust-torsion: M. M. Ogilvie-Gordon, XVI. 457*
- Plan of the Earth, and its causes: J. W. Gregory, XIII. 225†; XIV. 465†
- Pole of land-hemisphere; A. Penck on, XIV. 98; Eine neue Bestimmung des Pols der Landhalbkugel: H. Beythien, XIII. 219†, 543 §
- Pressure within the Earth, Note on: C. S. Slichter, XI. 573†
- Problem früheren Landzusammenhangs auf der südlichen Erdhälfte: H. Simroth, XIX. 780†
- Rotation—J. Andrade, VII. 219†; A. Coyet, VII. 219†; Verticale Komponente der ablenkenden Kraft der Erdrotation: A. Sprung, IX. 684†
- Story of our Planet: T. G. Bonney, IV. 89†
- Symmetrie tetraédrique du globe terrestre: A. de Lapparent, XVI. 130†
- Teilung der Erde: A. Oppel, I. 284†; II. 274 §
- Temperature — Jordtemperaturbestimmung: T. Homén, XVI. 493†
- Terrestrial spheroid, Derivation from rhombic dodecahedron: C. R. Keyes, XVIII. 340†
- Ursache der Umdrehung der Erde und aller Planeten um ihre Achse: J. Unger, XV. 676†
- Verlauf des Geoids auf den Kontinenten und auf den Ozeanen: J. B. Messerschmitt, XVII. 562†
- White-hot liquid earth and geological time: J. Geikie, XV. 556†
- Earth lore, Fragments of; Sketches and Addresses: J. Geikie, II. 282†
- pillars—Geographische Verbreitung und Natur der Erdpyramiden: C. Kittler, X. 653†; XI. 441

EARTHQUAKES

Earthquakes—

- Afghanistan; curious crack, IX. 402
 Australasia, Seismological phenomena in, XIV. 342 †
 Austria — Erdbeben von Brux: F. Becke, XIII. 86; Im Triester Gebiete beobachteten Erdbeben: E. Mazelle, XIII. 86 †
 Balkans, etc.—Regions balkaniques et l'Anatolie seismique: F. de M. de Ballore, XVIII. 114 †
 Ecuador; C. H. Dolby-Tyler's observations, VIII. 177
 Germany — Das südwestdeutsche Erdbeben: G. Gerland, VIII. 411 †
 Iceland, X. 536; XIII. 511
 India; R. D. Oldham, XII. 379; Il grande terremoto indiano: M. Baratta, XI. 104 †
 Japan, Great earthquakes in, III. 213 †; Distribution of earthquakes in: C. Davison, X. 530 †; Japan Seismological Society, VII. 239; Seismological work, J. Milne on, I. 161
 Kashgar; Letter from G. Macartney, XX. 463
 Laibach, VI. 78
 Lisbon — Der Erschütterungsbezirk des grossen Erdbebens zu Lissabon: H. Woerle, XVII. 98 †
 Mexico — Effect of Mexican earthquake at Mt. Hamilton: R. Tucker, XV. 556 †
 Russia, Catalogue of earthquakes in: A. Orloff and T. Mushketoff, VI. 186 §
 General—
 Beziehungen zwischen Erdbeben und Detonationen: J. Knett, XIX. 661 †
 Coincidence des phénomènes météorologiques et des tremblements de terre avec . . . l'attractive lunaire et solaire: A. Krahnass, V. 92 †
 Distribution of seismic activity, X. 131
 Earthquake Investigation Committee, Publications, XVIII. 341 †; Reports, XI. 573 †; XVI. 374 †
 Earthquakes and changes of level, IX. 229
 — and the seismograph: R. F. Stupart, XVII. 563 †
 Earth-tremors, observations on, VII. 244
 Einrichtung eines internationalen systems von Erdbeben-Stationen, VIII. 425 †
 Heutigen Stand der Erdbebenforschung: G. Gerland, XI. 573 †
 Influences on cables, X. 282
 International earthquake observatories, VIII. 76
 Internationalen Systems von Erdbeben-Stationen: E. Rebeux-Paschwitz, VII. 220 †

EARTH WAVES

Earthquakes—continued

- La Luce nel terremoto: A. Volante, IX. 112 †
 Large earthquakes recorded in 1899: J. Milne, XVI. 443
 Movements of the Earth's crust—earthquakes: J. Milne, VII. 235 *
 Neue . . . Theorie der seismischen Erscheinungen: R. von Kövesligethy, XI. 458 †
 Observatories for recording earthquakes, VIII. 11
 Organisation der Erdbebenbeobachtung, etc.: E. von Mojsisovics, XIII. 86 †
 Origin of, VII. 235
 Periodicity of: R. D. Oldham, XVIII. 647 †
 Propagation of earthquake vibrations through the earth: C. G. Knott, XVI. 704 †
 Propositions . . . de stations seismiques, VIII. 423 †
 Recent advances in seismology: J. Milne, XII. 329 †
 — earthquakes and volcanic eruptions, XX. 431, 547
 — seismology: J. Milne, XI. 573 †
 Riassunto della sismografia del terremoto del 1894: A. Riccò, XIV. 588 †; XV. 90 †
 Seismic and oceanic noises: S. Kain and others, XIII. 98 †
 — phenomena in British Empire: F. de M. de Ballore, IX. 347 †
 — survey of the world, Suggestions for, X. 281
 Seismograph records, VII. 251
 Seismological investigations, VII. 238; X. 530; G. Gerland and A. Supan on, IX. 650; J. Milne, IX. 685 †; XII. 217 †; XIV. 345 †; XVII. 681 †; appeal for, VIII. 302; International, XIV. 545; resolution by Congress on, VIII. 293
 Seismology: J. Milne, XIII. 219 †, 544 §
 Sismoscopio elettrico a doppio effetto per le scosse sussultorie: G. Agamennone, XVI. 258 †
 Submarine earthquakes, X. 132, 136; at Kamaischi, Rein on, IX. 443; Ueber submarine Erdbeben: E. Pindulph, VII. 220 †
 Systematischen Erdbebenforschung: A. Supan, XI. 104 †, 573 †
 Two earthquakes registered in Europe and at Batavia: J. P. van der Stok, XVII. 215 †
 Earth waves, VII. 239 — Source of periodic waves, etc.: H. C. Russell, XIV. 232 †; Suggestion for systematic observation of: J. Milne, VIII. 423 †

EAST

- East, The; *see also* Asia, East—
 China, Japan, and Korea: Baron von Richthofen, IV. 556*; Corea, China, and Japan: R. S. Gundry, V. 87†
 Dragon and the chrysanthemum: N. G. Mitchell-Innes, XI. 567†
 Future trade in the Far East: C. C. Wakefield, VIII. 415†
 Geologisch-geographische Reiseskizzen aus dem Orient: A. Philippson, X. 117†
 Far East, its history and its question: A. Krausse, XVII. 320†
 Itinéraire descriptif de l'orient (guide Joanne), VIII. 310†
 Maps—J. Bartholomew's Special War Map, IV. 383†; Do., Special Map, XVI. 262†; G. Philip, IV. 384; Stanford, XVI. 378†
 Missions in China, Corea, and Japan: Mrs. Bishop, X. 455†
 Nearer East: D. G. Hogarth, XIX. 783†; XX. 641§
 New Far East: A. Diösy, XIII. 213†
 Photographs: Mrs. I. Bishop, IX. 692
 Problems of the Far East: Lord Curzon, V. 281†; VII. 440†
 Résultats de la guerre entre la Chine et le Japon: E. Chavannes, VII. 329†
 Sacred books of the: F. M. Müller, I. 188†; V. 404†
 Schauplatz des Krieges zwischen Japan und China: Baron von Richthofen, V. 87†
 Views in the Far East: Mrs. I. Bishop, IX. 692†
 East and West: E. Réclus, IV. 472†; Do. 1497–1897: E. Salmon, IX. 583†
 —Anglia, Highways and byways in: W. A. Dutt, XVII. 672†
 —Cape, Siberia; renamed Deshnef, XII. 609; Kap Deshnew bishier Ostkap: T. Peck, XIII. 214†
 —Creek Amphitheatre, Exploration of: C. B. Bradley, XIV. 120†
 —Glacier, Spitzbergen, VI. 551
 —India Co.—Factory Records, XI. 90†; Letters received by, from servants, IX. 347*; Marine records of, VIII. 426†; Records: S. Wheeler, II. 150*
East Indies—
 Portuguese records: F. C. Danvers, II. 248§
 Register of letters, etc., of Governor and of merchants of London, 1600–1619; ed. Sir G. Birdwood, II. 278†
 Seven years in the; H. Römcke, III. 160†
 Wind and weather maps: J. P. Van der Stok, XI. 109†
 —, **Dutch**—
 Astronomische Plaatsbepalingen, etc.: R. P. Meyjes, XVIII. 549†
 Atlas der Nederlandsche Bezittingen in Oost-Indie: J. W. Stemfoort en J. J. Siethoff, XVI. 137†; XX. 677†

EASTWICK

East Indies, Dutch—*continued*.

- Coal deposits of: J. A. Hooze, III. 159†
 Colonisation hollandaise aux Indes orientales: J. Plas, XII. 95†
 Dagb-register, etc.: J. A. van der Chijs, †IV. 375; VII. 562; XII. 628; XVII. 549†; XVIII. 324; XIX. 653; J. E. Heeres and T. van Riensdijk, X. 549†
 Eene Reis van een Nederlandsche Vloot: W. Groenvelde, X. 554†
 Entwicklung der Kartographie von Niederländisch-Ostindien: H. Zondervan, VIII. 529†
 Etudes . . . concernant les possessions néerlandaises, etc.: C. M. Kan, XVI. 365†
 Goldlagerstätten in Niederländisch Indien: E. Carthaus, XX. 466†
 Guide à travers la section des Indes néerlandaises, XVI. 375†
 Het afbreken van onze betrekkingen met Bandjermasin: R. H. van der Kemp, XI. 311†
 Kaartbeschrijving: J. Timmerman, XI. 195†
 List of books relating to: M. Nijhoff, XX. 466†
 Mohammedaansche Vorsten in Nederlandsch-India: L. W. van den Berg, XVIII. 635†
 Nederlandsch-Indisch Plakaatboek: J. A. van der Chijs, †I. 375; IV. 375; V. 281; VII. 212, 562; X. 227; XII. 628; XVIII. 229
 Onderzoek van Stukken in het India office: W. R. Bisschop, IX. 680†
 Register . . . de Bidragen tot de Taal-, Land-, en Volkenkunde van Ned. Indië, XVIII. 324†
 With the Dutch in the East: W. Cool, IX. 575†
 East London: F. H. Israel und G. Reinicke, XV. 437†
 —Main river, Labrador, V. 514
 Eastbourne; Johnson's map of neighbourhood of, III. 165†; Plan of: J. Bartholomew, VIII. 538
 Easter I.—
 Easter I. and its colossal statues: H. V. Barclay, XV. 443†
 Mission à l'île de Pâques: H. V. Barclay, XIV. 342†
 Te Pito Te Henua, commonly called Easter I.: G. H. Cooke, XV. 670†
 Zustände auf der Oster-Insel: H. Polakowsky, VII. 217†
 Eastern Archipelago: *see* Malay Archipelago
 —Gateway of U.S.: A. P. Brigham, XIII. 513*
 —World, The: C. A. Wood, XX. 242†
 Eastwick, R. W. E.: Deli, in Sumatra, III. 160†

EATON

- Eaton, D. C.: From Cairo to Beni Hassan XI. 569 †
 —, H. S.: Rainfall, etc., in Dorset, XI. 193 †, 194 †; XVI. 574 †
 Ebbecke: La navigation à vapeur dans les rapides du Yangtse-Kiang, XVII. 673 †
 Ebeling, M.: Der Ararat, XVI. 247 †; Die Anfertigung von Reliefs, etc., XIX. 241 †; Vorlage des Schichten-Reliefs des Vesuv, X. 453 †
 Eberli, J.: Eine Fussablenkung in der Ostschweiz, II. 277 †
 Ebermayer, E.: Klimatische Wirkung des Waldes auf seine Umgebung, II. 282 †, 373 §
 Ebers, G.: Aegyptische Studien und Verwandtes, XVI. 488 †
 Ebert, H.: Periodische Seespiegelschwankungen, XVII. 671 †; XVIII. 84 §; im Starnberger See, XX. 239 †
 —, W., et J. Perchot: Sur les méthodes de M. Loewy pour la détermination des latitudes, XV. 87 †
 Ebner, H.: 200 farbige Skizzen zur Einführung in den Geographie-Unterricht, XV. 448 †
 —, P. A.: Rauriserthal . . . seiner Geschichte und Kultur, IX. 676 †
 Ebn Haukal: *see* Ibn Haukal
 Ebstorf Map—Ebstorkarte, eine Weltkarte aus dem 13. Jahrhundert: K. Miller, XVI. 131 †
 Eccles, J.: Details of tidal observations, XX. 555 †
 Eckel, E. C.: Formation as basis for geologic mapping, XIX. 660 †
 Eckenstein, O.: Karakoram and Kashmir, VIII. 416 †
 — and Hon. C. G. Bruce: Crossing of Nushik La pass, I. 134
 Eckersley, W. A.: Notes in E. Mashonaland, V. 27*; Obituary, VI. 83; Photographs of Beira rly., IV. 584
 Eckert, M.: Das Gottesackerplateau in der Gebirgsgruppe des Hohen Ifen, XVII. 442 †; Die Karren oder Schratzen, XII. 90 †
 Ekman's bay, advancing glacier in, IX. 368
 Eclipse—
 In search of an, lecture by H. R. Mill, IX. 219
 Local particulars of total eclipse of sun, 1901, XVI. 256 †
 Nautical Almanac circular, XII. 103 †
 Total eclipse of sun, 1900: H. D. Todd & S. J. Brown, XVI. 260 †
 Economics—Comparaison du travail à la main et du travail à la machine: E. M. Levasseur, XVI. 260 †
 Ecsedermoores, Entsumpfung des: G. Czirbusz, XVII. 672 †; Trockenlegung des: Id., XV. 189 †
 Ecuador—
 Arc du méridien de Quito, Mesure de,

EDMOND**Ecuador—continued.**

- XIV. 323; XVI. 585 †; Do.: R. Bourgeois, XX. 343 §, 360 †; Projet de revision de l': M. Poincaré, XVI. 356 §, 491 †; Reconnaissance de l': E. Maurain, XVI. 356 §, 491 †
 Archaeological investigations on Island of la Plata: G. A. Dorsey, XIX. 402 †
 Bureau of American Republics, Bulletin, VII. 681 †
 Chart of ocean bed off, X. 264
 Earthquake shocks in, C. H. Dolby-Tyler's observations, VIII. 177
 Geografia y Geologia del: T. Wolf, II. 188 †, 266 §
 Geographical map of: T. Wolf, I. 477 †
 Inter-oceanic communication in, XIX. 315
 Journey in: M. B. Kerr, VIII. 420 †
 Küstengebiet von Ecuador: Baron H. Eggers, V. 284 †
 Occidental region of: XVII. 343
 Report on roads: Haggard, I. 551
 Vulcanberge von: A. Stübel, XIII. 682 †
 Western Lowland of: T. Wolf, I. 154*, 281 †
 Ede, M.: Hovat Törteleni Repertorium, XVII. 85 †
 Eden, Sir R.: Life and administration of: B. C. Steiner, XII. 641 †
 Eden river, VII. 605
 Edenside waterways, VII. 607
 Edentata of Neotropical region, V. 472, 478
 Edgecumbe, R.: Missing page in Alpine history, III. 157 †
 Edge I., Spitsbergen, XII. 150; J. Carolus, discoverer of: Sir M. Conway, XVII. 623*
 Edgehill Ridge, Flora of: A. MacElwee, XVIII. 235 †
 — river, Flora of: A. MacElwee, XVII. 537 †
 Edge-Partington, J.: Ethnography of Matty I., VIII. 193 †
 Edinburgh—
 Bartholomew's Pocket Guide, VIII. 190 †
 Edinburgh and its regions, geographic and historical: P. Geddes, XX. 352 †
 Meteorology of: R. C. Mossman, XII. 205 †
 Physiography of: R. Richardson, XX. 554 †
 Seasonal death-rate in: R. C. Mossman, XII. 205 †
 Some ancient landmarks of Midlothian: H. M. Cadell, II. 88 †
 Summer meeting for educational lectures, Geography at, V. 599
 Edinik, Mysia, IX. 158
 Edmond, J. P.: letter on "Was Australia discovered in the sixteenth century?" XIV. 574

EDMUNDSON

Edmundson, G.: Swedish legend in Br. Guiana, XV. 668 †

Edrisi, Géographie d'; trs. P. A. Jaubert, VII. 647

Education—

Board of, Special reports, X. 655 †; XIII. 330 †; XX. 365 †

Education des indigènes: P. Vidal de la Blache, X. 234 †

Educational systems of . . . British Empire, XVIII. 242 †

General Intelligence papers: G. Blunt, XVI. 375 †

Minerva; Jahrbuch der gelehrten Welt, † III. 353; XI. 324; XV. 303; XVII. 218; XIX. 243

Geographical (for text-books, see Geography, Geographische, and special subjects), II. 331; VI. 5, 376, 575; VII. 208; VIII. 3; IX. 430, 602; X. 310, 446; XX. 8, 426; (W. M. Davis on), XII. 423; (Fischer on), IX. 649; (R. Lehmann on), V. 590; (H. R. Mill on), X. 641; (L. Neumann on), VII. 665; (I. C. Russell's report on Conference), VI. 576; (F. Spencer on), X. 220; and Army entrance examinations, W. Baptiste on, III. 148; at Manchester (A. J. Herbertson's report), VI. 77; (J. H. Reed on), VIII. 521; (appointment of lecturer), IV. 171; at New Haven, XIII. 688 †; at Universities (see below, Oxford and Universities); in American public schools, W. B. Powell on, III. 523; in Austrian secondary schools, A. Penck on, II. 164; in Germany, IX. 660; (G. Wheeldon and Miss Dodd on), XI. 442; (School tours), I. 365; XI. 443; (Sievers on these), IX. 650; in Great Britain, resolution by Congress on, VIII. 293; in Switzerland and North Italy: J. B. Reynolds, XV. 92 †, 184 §; institutes for study of colonial geography, III. 523; London School Board conference, XIX. 81; Papers at Genoa Congress, I. 284 †

Aims and practice of teaching: F. Spencer, X. 345 †, 446 §

Allgemeine Erdkunde als Anhang zur Deutschen Schulgeographie: A. Supan, XIV. 690 †

Amerikanische Lehrbücher: Krug, XII. 106 †

Ancora sul materiale scholastico per l'insegnamento della Geografia: P. Sensini, XIII. 688 †

Begründung der Lehrkanzel für Geographie . . . an der Universität Wien: A. Penck, XVI. 706 †

Bemerkungen zu geographischen Lehr- und Schulbüchern, Karten, etc.: P. Wülfel, XX. 251 †

Beschaffung des Heimatskundlichen

EDUCATION

Education, Geographical—continued.

Unterrichtsmaterials: R. Lehmann, IV. 473 †

Better books in geography: M. Platt, XII. 331 †

Biologische Erdkunde im Schulunterrichte: F. Höck, XIX. 241 †

Books . . . dealing with teaching of geography: J. F. Chamberlain, XVII. 456 †

California State series of school textbooks, IV. 473 †

Chapters on aims . . . of teaching: F. Spencer, X. 345 †

Child's first book; Longmans' Geogr. series, VII. 571 †

Class Excursions in Wales and England: J. B. Reynolds, XIX. 241 †

Colonies et l'enseignement géographique: M. Dubois, VIII. 534 †

Come la geografia, nell' insegnamento elementare, etc.: G. C. Constantini, XVIII. 242 †; Come s'insegni la geografia negli Stati Uniti d'America: A. Ghisleri, XVIII. 242 †

Cours de Géographie: J. Molard, VI. 200 †; VII. 224 †

Easy steps to geography, etc.: R. N. Ghose, XVIII. 243 †

Edinburgh Summer Meeting for educational lectures and geography, V. 599

Educational value of geographical study: E. I. Miller, XVII. 455 †

Elementary geographical teaching: F. Porena, I. 187 †

Empire and geographical teaching: A. W. Andrews, XV. 200 †

Enseignement de la géographie: M. Naville, IX. 687 †; Do.: E. Reclus, XVII. 682 †; A. F. Renard, XII. 106 †; Do. dans les collèges: R. de Girard, XVI. 133 †; Enseignement rationnel de la géographie, XIV. 589 †; Enseignement-supérieur de la Géographie en Belgique, XII. 642 †

Entworfen von Kartenskizzen, etc.: Rittau, XI. 325 †

Erdkundliche Unterricht: Langenbeck, VII. 223 †; Hirschfeld's Vorschläge: A. Kirchhoff, IV. 473 †

Exercises on U.S. topographical maps: R. E. Blount, XVIII. 242 †

First lessons in geography: T. S. Steinhauer, VII. 224 †

First steps in geography of the world: R. E. Dodge, XI. 575 †

Fuller study of geography: A. Montefiore, IV. 473 †

Geografi for Middelskolen: H. Reusch, XVI. 133 †

Geografia nelle scuole secondarie: G. Marinelli, X. 345

Geographic instruction in Germany: W. S. Monroe, IX. 687 †; in public schools: W. B. Powell, III. 352 †

EDUCATION

Education, Geographical—continued.

- Geographical Education: A. J. Herbertson, IX. 347 †
- Geographical Methods: A. Montefiore, VI. 397 †
- reading for teachers: H. R. Mill on, X. 641
- Geographie als Universitätsfach: E. Löffler, XIV. 690 †
- Géographie dans l'enseignement primaire: Lejeal, VIII. 534 †
- dans les écoles et à l'Université: E. Levasseur, VIII. 534 †
- et l'éducation nationale: J. Corcelle, XII. 547 †
- Geographie in der höheren Mädchenschule: M. Krug, XIII. 100 †
- Geographische Unterricht an den deutschen Hochschulen, † XII. 106; XIII. 100; XIV. 125; XV. 199; XVI. 260; XVII. 218; XIX. 242; in Preussen: H. Fischer, XI. 575 †
- Geography as a school subject: B. B. Dickinson, VII. 571 †
- as a university study: C. R. Dryer, XI. 575 †; as a university subject: W. M. Davis, XI. 324 †
- as seen by the child: R. P. Ireland, XVII. 455 †
- in education, conference on, VI. 576
- in German schools, XI. 442
- in . . . Normal school: S. A. Reilly, XV. 200 †
- Lesson, A.: E. R. Wethey, IX. 687 †
- made attractive: M. E. Rowe, XVII. 456 †
- Geologischer Profile für den Geographie-Unterricht: J. Müller, XII. 547 †
- German Educational Congress, 1893, Geography at, II. 162
- Glasgow series of elementary geography: L. W. Lyde, II. 93 †
- Gli studi geografici . . . nell' educazione moderna: G. Ricchieri, X. 345 †
- Gogol géographe: C. d'Almeida, VII. 223 †
- Governmental maps for schools: D. K. Collie, VII. 223 †
- Grundlehren der mathematischen Geographie: S. Günther, IX. 244 †
- Harvard geographical models: W. M. Davis, XI. 322 †, 554 §
- Hints . . . on choice of geographical books: H. R. Mill, XI. 106 †
- Illustrated school geography: A. J. Herbertson, XII. 529 §, 547 †
- Importance of geography in education: Right Hon. J. Bryce, XIX. 301 *; Do. in secondary education, etc.: A. J. Herbertson, VIII. 534 †
- Improvement of geographical teaching: W. M. Davis, II. 273 §, 283 †
- Intermediate modern geography in

EDUCATION

Education, Geographical—continued.

- Bengali, etc.: S. B. Chattopadhyaya, IX. 469 †
- Intermediate school geography: T. W. Pettipiece, XVI. 706 †
- Introduction to study of geography: W. Hughes and J. F. Williams, II. 93 †
- to study of physical geography: J. Thoulet, II. 476 †
- Irish school geography: T. W. Pettipiece, XVI. 706 †
- Items of teaching of geography, etc.: T. Matsushima, XIII. 100 †
- Journal of School geography: R. E. Dodge, IX. 451; XIII. 201
- Kortfattet Geografi: H. Reuseh, IX. 116 †
- Kulturgeographie im Unterrichte: A. Geistbeck, IX. 469 †
- Lage des Geographie-Unterrichtes in Preussen: H. Fischer, XI. 575 †
- Lage in Mittelpunkt des geographischen Unterrichts: F. Ratzel, XV. 448 †; XIX. 241 †
- Langler's picturesque geographical readers, V. 402 †
- Leçon d'ouverture du cours de géographie: P. Vidal de la Blache, XIII. 688 †
- Leçons de géographie physique: A. de Lapparent, VIII. 195 †; XII. 329 †
- Lectures, R.G.S., II. 455; III. 54; (J. Coles), I. 158; (H. J. Mackinder), I. 157, 261, 354; IV. 268; V. 76; VI. 381; VII. 91; (H. R. Mill), II. 362
- Lehraufgabe der beiden Tertian: H. Klaje, IX. 347 †
- Lehrbuch der Geographie: H. Wagner, XV. 558 †, 626 §
- Lessons in physical geography: C. R. Dryer, XIX. 239 †, 629 §
- Limitations and possibilities of geographical teaching, etc., XIX. 112 †
- Longmans' Geographical series, IX. 347 †
- Man and his markets: L. W. Lyde, IX. 116 †
- Manuel of geography for middle and higher forms in schools: E. R. Wethey, VIII. 534 †
- Materiale scolastico . . . della Geografia: A. L. Andreini, XIII. 331 †
- Means of popularising geography as a study: F. J. Wilkinson, XVIII. 344 †
- Method in geography: W. E. Johnson, XVII. 456 †
- Methode im wirtschaftsgeographischen Unterricht: R. Sieger, XVIII. 243 †
- Méthodes et moyens pratiques d'enseignement de la Géographie économique: M. Dubois, XVII. 456 †
- Methodik der erdkundlichen Schulunterrichts: H. Fischer, XX. 251 †
- Methodischen Fragen in der Geographie: L. Neumann, VII. 340 †
- Methods of teaching Geography: F. R.

EDUCATION

Education, Geographical—continued.

- Burrows, IX. 116 †; T. G. Rooper, XIX. 241 †
- Metodo . . . secondario della Geografia : F. M. Pasanisi, X. 345 †
- Modern Geography, German and English : H. J. Mackinder, VI. 367 *
- Natural advanced geography : J. W. Redway and R. Hinman, XII. 441 †, 529 §
- Natural geographies, The : J. W. Redway, X. 656 †
- Nature studies . . . in home geography : F. O. Payne, XIII. 688 †
- Naturwissenschaftliche Feriencursus für Lehrer, etc. : B. Schwalbe, XII. 547 †
- New basis of geography : J. W. Redway, XIX. 368 §, 410 †
- New manual of geography : E. R. Wethey, VIII. 534 †
- Notes on geographical education : R. E. Dodge, XVII. 682 †
- Oesterreichische Schulgeographie : F. Heiderich, XVIII. 649 †
- Omrids af Geographien : E. Löffler, XIII. 220 †
- Organisation de l'enseignement post-scolaire de la géographie économique : G. Bourgoïn, XVII. 682 †
- Organization des geographischen Unterrichts, etc. : H. Wagner, XIX. 783 †
- Oswego normal method of teaching geography : A. W. Farnham, XI. 325 †
- Oxford School of geography, XIII. 480 ; XIV. 2, 82, 593 ; XVII. 311 ; XX. 108 ; diploma instituted, XVI. 112 ; examination papers, XVIII. 448 ; programmes, XIV. 559 ; XVI. 357 ; report, XIX. 643 ; scholarship, XVI. 567 ; studentship, V. 377 ; vacation course, XX. 460
- Parlous plight of geography in Scottish education : A. J. Herbertson, XI. 460 †
- Physical geography for beginners : R. E. Dodge, XVII. 454 † ; in high schools : J. H. Perry, XIII. 688 † ; in secondary schools : A. P. Brigham, XIV. 467 † ; Lectures : B. Dawkins and B. Hobson, XIII. 329 †
- Pictures in teaching of geography : J. A. Wood, XVII. 566 †
- Points of the compass, and seasons, in teaching geography : J. M. Holzinger, XVII. 455 †
- "Politischen Geographie" im Schulunterricht : A. Kirchhoff, VII. 223 †
- Position of geography as a school subject : E. J. Hewlett, IX. 347 † ; in educational system of the country : A. J. Herbertson, XI. 324 †, 442 ; of economic geography in education : A. J. Herbertson, XIV. 587 †

EDUCATION

Education, Geographical—continued.

- Practical exercises in geography : W. M. Davis, XVI. 260 †
- geography in Manchester : J. H. Reed, X. 345 †
- method of teaching geography : J. H. Overton, XVII. 456 †
- Praktische geographische Uebungen an der Universität : W. Ule, IV. 473 †
- Preparation of a teacher of geography : A. Kirchhoff, IV. 92 †
- Principe de la géographie générale : V. de la Blache, VII. 340 †
- Prizes, R.G.S., VII. 425, 544 ; to Scottish and Irish Training Colleges, II. 456
- Programme d'études de géographie régionale : E. Ardaillon, XV. 558 †
- Progress of geographical instruction : T. G. Rooper on, XVI. 442
- Réforme de l'enseignement de la géographie : J. Vincent, XVI. 375 †
- School course in geography : R. E. Dodge, XVIII. 460 †
- geography : C. Bird, XII. 547 † ; in U.S. : R. E. Dodge, X. 655 †
- text-books : J. H. Blodgett, XIII. 688 †
- Scientific geography for schools : R. E. Dodge, XI. 159 *
- Some methods of teaching geography : F. R. Burrows, IX. 116 †
- Some pedagogical principles, etc. : A. Allin, XVII. 566 †
- Spezialkärtchen in unseren Schulatlanten : E. Hölzel, VII. 684 †
- Status of geography teaching : J. W. Redway, III. 352 †
- Student's modern geography in Bengali, etc. : S. B. Chattopadhyaya, IX. 469 †
- Study of geography : A. S. White, XIII. 688 †
- Suggestive course in geography : J. A. Merrill, XIII. 462 †
- Teaching of geography, etc. : E. Reclus, XVIII. 649 † ; R. S. Tarr, XIX. 783 † ; and social science : P. de Rousiers, III. 352 † ; Applied geography, Report : A. J. Herbertson, XIV. 589 † ; in relation to history : A. W. Andrews, IX. 427 * ; Physical, in elementary schools : R. E. Dodge, XVII. 456 † ; in preparatory schools : F. R. Burrows, XVII. 682 †
- Testo-Atlante di Geografia per la scuole elementari : G. Gambino, IX. 116 †
- Text books of geography : J. W. Redway, II. 93 †
- Trente-deux ans d'enseignement au Collège de France : E. Levasseur, XVII. 455 †
- Ueber . . . Wirtschaftsgeographie im Schulunterricht : A. Oppel, VI. 200 †
- Universities (notes, reports, etc.), III. 429 ; IV. 29 ; VI. 25 ; VIII. 61 ; IX.

EDVI

Education, Geographical—continued.

- 653; XVIII. 407; chairs, VI. 274; Geography in French University chairs: M. Viquier, II. 568†; in Belgium, XII. 84; Birmingham, I. 558; XX. 548; Géographie an der Breslau Universität: J. Partsch, XIX. 241†; Brussels, Institut Géographique, XII. 331†; Cambridge, long vacation course at, XX. 548; German, VI. 376; London, XVI. 112; XX. 548; Oxford, *see above s.v.*; Tübingen, I. 559; Victoria University, X. 101; Vienna, VII. 91; Géographie à l'Université de Vienne: A. F. Renard, XII. 106†; Geography as a University subject: W. M. Davis, XI. 324†; C. R. Dryer, XI. 575†; L. Neumann, IV. 91†; Physical geography in the University: W. M. Davis, IV. 473†; V. 175† Use of maps in geography teaching: A. W. Andrews, XIX. 241†; Do., (Ordnance maps): Sir A. Geikie, XIX. 662†
- Value of geography as an educational instrument, VI. 200†
- Verknüpfung der physischen mit der politischen Landeskunde im Schulunterricht: A. Kirchhoff und R. Langenbeck, XIX. 783†
- Vierteljahrshefte für den geogr. Unterricht, XX. 235 §
- Vorbildung der Geographielehrer auf den Universitäten: R. Lehmann, VIII. 534†
- Wagners Denkschrift über die Lage des geographischen Unterrichts, etc.: H. Haack, XVII. 218†
- What to teach in geography: H. McCormick, XVII. 455†
- Work for primary children in city schools: E. R. Brown, XVII. 455†
- 200 farbige Skizzen zur Einführung in den Geographie-Unterricht: H. Ebner, XV. 448†
- Edvi, E. von: Die Lage der Isotherme, XIV. 233†
- Edward VII., King: President's address on accession of, XVII. 250*; remarks at Nansen Meeting, IX. 255; on Vasco da Gama, XII. 19
- Edwards, A. M.: biography: A. Grandier, XVI. 259†
- , F. A.: An African Napoleon, XVII. 448†; French and Sierra Leone, XIII. 322†; French on the Niger, XII. 99†; From Kongo to Niger, XII. 99†; Future of the Niger, XIV. 460†; How the Sudan was conquered, XIII. 323†; Reconquering the Sudan, XI. 94†
- , O. M.: Wales (Story of the Nations), XIX. 651†
- Edwards's Australian Catalogue: Pethe-
rick, XIV. 231†

EGYPT

- Edwards Plateau, Geology, etc.: R. T. Hill and T. W. Vaughan, XIV. 341†
- Eels, S. G.: In Tuolumne and Cathedral cañons, XIX. 774†
- Eerde, J. C. van: De Boaha's van Lombok, XVIII. 107†
- Eerdmans, A.: Het Landschap Gowa, XII. 324†
- Eersteling reef, Transvaal, II. 220
- Egbon hills, upper Niger, X. 356
- Egède, La tectonique de l': A. Philippson, XII. 91†
- Egerton; on kumatology, XIII. 628
- Egerton of Tatton, Earl: Manchester Ship canal, III. 157†; Port of London, XX. 554†
- , Lady Grey: Alaska and its glaciers, I. 377†
- , H. E.: Sir Stamford Raffles, XVI. 590†
- Eggers, Baron H.: Asphalt-Quellen am See von Maracaibo, IX. 343†; Insel Tobago, I. 569†; Küstengebiet von Ecuador, V. 284†
- , Lieut.: Reise nach dem Okavangogebiet, XVI. 561 §, 580†
- Egil river and village, VIII. 505
- Egin, Euphrates valley, VIII. 333
- Egli, J. J.: biography: E. Oppermann, IX. 346†; Der Topograph Johannes Wild, V. 187†; Der Völkergeist in den geographischen Namen, II. 283†; Die Seele der geographische Namen, VII. 684†; Nomina Geographica, I. 572†
- Egnel, M.: Climat de la Suède et . . . variations de climat, XVI. 695†
- Egnigüren, V.: Estudios demográficos de Piura, XI. 100†
- Egriguz Chai, Asia Mi., IX. 271
- , Dagh, IX. 270
- Egypt—**
- Abseits vom Wege in Aegypten: R. T. Kelly, XVIII. 456†
- Aegypten, 1894: A. von Fircks, VII. 113†; VIII. 93†; IX. 106†
- Aegyptens auswärtige Beziehungen: G. Schweinfurth, I. 470†
- Aegyptische Studien und Verwandtes: G. Ebers, XVI. 488†
- Art de la fortification dans la haute antiquité: R. Weill, XVI. 367†
- Bédouins: E. Chantre, XIX. 527†
- Bewässerung Aegyptens: F. Lampe, XX. 467†
- Blick auf Aegypten und Abessinien, L. Reinisch, X. 229†
- Cairo and Egypt, etc.: H. J. Kemeid, XVI. 699†
- Cairo to Beni-Hassan: D. C. Eaton, XI. 569†
- Climate—in geological . . . times: Grant Bey, XVII. 553†; La lumière et la chaleur . . . agents bienfaisants, etc.: Abbate Pacha, VI. 195†; Winter climate of: H. L. Canney, X. 551†

EGYPT

Egypt—continued.

- Configurazione geografica dell' alto Egitto: E. Schiaparelli, XIII. 91 †
- Correspondence respecting valley of Upper Nile (Blue book), XIII. 92 †; Further do., XIII. 561 †
- Corrosion des Sandsteinmaterials . . . auf Philae: L. Borchardt, XII. 325 †
- Dakhla Oasis, Topography and geology: H. Beadnell, XVIII. 639 †
- Descrizione dell' Egitto di 'Umar ibn Muhammad al-Kindî: C. A. Nallino, XVIII. 328 †
- Desert sand-dunes bordering Nile Delta: V. Cornish, XVI. 250 †
- Despatches from H.M. agent, etc.: Sir W. Garstin, XIV. 336 †
- Dictionnaire géographique de l'Égypte, XV. 438 †
- Die Wiedergeburt Aegyptens, etc.: G. Schweinfurth, VII. 221 †
- Donati, Vitaliano, Il Viaggio in Oriente di: P. Revelli, XIV. 459 †
- Eastern Desert, geology: T. Barron and W. F. Hume, XVIII. 109 †; Further routes in E. Desert: E. A. Floyer, I. 408 *; Recognizione nel Deserto Orientale d'Egitto: U. Menicoff, IV. 577 †
- Egypt, 1881-1897: E. Dicey, XI. 684 †
- after Omdurman: J. L. Whittle, XIV. 336 †
- and Abyssinia: L. Reinisch, IX. 314 *
- and its lost provinces: Chaillé-Long, I. 182 †
- and the Hinterland: F. W. Fuller, XVII. 553 †; XVIII. 301 §
- fifty years hence: W. Willcocks, XX. 467 †
- in 1898: G. W. Steevens, XII. 325 †
- Egypte . . . économique, etc.: H. Pensa, IX. 340 †
- Egyptian alphabet for Egyptian people, X. 556 †
- Emerald mines of Sikait, Expedition to: H. W. Seton-Karr, XIV. 681 †; letter, XVIII. 97; of Etbai: D. A. MacAlister, XVI. 537 *
- England and Egypt: A. S. White, XIII. 91 †
- , Egypt, and the Sudan: H. D. Traill, XVII. 90 †
- in Egypt: A. Milner, I. 376 †
- Excursion à l'Ouadi Natron: A. Gayet, IX. 105 †
- Expansion of: A. S. White, XIV. 681 †; XV. 61 §
- Fayûm and Lake Moeris: R. H. Brown, I. 84 †
- Flint mines, Discovery of: H. W. Seton-Karr, X. 551 †

EGYPT

Egypt—continued.

- Forêts pétrifiées des déserts d'Égypte: R. Fourtau, XIII. 561 †
- From the Egyptian Ramleh: A. A. Boddy, XVI. 124 †
- Future of: E. Dicey and others, XIII. 91 †
- Geological discoveries in Nile valley and Libyan desert: H. J. Beadnell, XVII. 527 §, 553 †; XVIII. 232 †
- Gl'itinerari Frediani, Belzoni e Drovetti, VIII. 93 †
- Gold mining in Egypt, Ancient & prospective: C. J. Alford, XVI. 397 †, 557 §
- Guide to Palestine and: Macmillan & Co., XIX. 366 §, 410 †
- Handbooks—Baedeker: V. 182 †; XI. 313 †; XIX. 399 †; Guides-Joanne, Égypte, XV. 297 †; Murray: M. Brodriek, IX. 238 †; XVIII. 328 †
- How to save Egypt: C. Whitehouse, III. 160 †
- Impressions d'Égypte: E. Duysters, X. 340 †
- Irrigation Department, Report, XIV. 227 †; Irrigation: C. Whitehouse, VI. 195 †; do.: E. Chaix, III. 72 †; Irrigation and equatorial lakes, I. 458; and agriculture: J. C. Ross, I. 470 †; Irrigation Atlas, C. Whitehouse on, IV. 182; Irrigation projects on Upper Nile; Sir W. Garstin, XVIII. 398 §, 639 †; Irrigations en Égypte: J. Brunhes, XI. 198 †; Perennial irrigation and flood protection, III. 354 †; Report on do.: W. Willcocks, II. 438 †; Reports (annual): *see below*, Public Works Dep.
- Itinerary from Kantara to El Arish: A. R. Guest, XIII. 281 *
- Journey from Farafa to Siwa: W. Jennings-Bramly, XIX. 73 *
- to Oasis of Jupiter Ammon: L. Robecchi-Briceheiti, II. 278 †
- Karawanenroute von . . . Charga nach Dachla: H. K. Kumm, XX. 467 †
- Lieder der Libyschen Wüste: M. Hartmann, XV. 438 †
- Magnetic observations: H. G. Lyons, XX. 669 †
- Mediterranean Coast region: Rycroft, XX. 502 *
- Middle Egypt, from Ptolemaic maps, etc.: C. Whitehouse, II. 368
- Mohammedanischen Heiligenkultus in Ägypten: J. Goldziher, IX. 681 †
- Nile—Les Égyptiens connaissent-ils la source de leur fleuve: F. Ventre Bey, V. 283 †
- Note sur l'emploi d'une argile comme fertilisant: E. A. Floyer, V. 606 †

EGYPT

Egypt—continued.

- Oases of Mudiriyeh of Assiut, Report: A. R. Guest, XVII. 449 †
- Orthography, Rules of, for native names of places, etc., XX. 467 †; Spelling of names: J. C. Dalton, III. 504 †; Bonola Bey on, II. 169
- Pénétration anglaise en Egypte: J. Brunhes, XVIII. 232 †
- Photographs of Egypt, etc.: R. G. T. Bright, XX. 371; Do. in neighbourhood of El Obeid: H. D. Lloyd, XVIII. 350; Do. in Omdurman, etc.: H. W. Seton-Karr, XVIII. 120
- Pilgrimage to: J. Smith, XI. 93 †
- Postal matters in, XII. 434 †
- Praktisches Handbuch der Arabischen Umgangssprache: A. Seidel, IV. 377 †
- Present-day Egypt: F. C. Penfield, XV. 82 †
- Public Works Department, Reports: Sir W. E. Garstin, XIV. 663, 681 †; XVII. 307 §, 449 †; XIX. 232 †, 507 §; Publications, XVIII. 328 †; XIX. 232 †
- Railways—Egypto-Assyrian railway, etc.: A. Fraser, VIII. 650 †; Light railways in Egypt: J. A. W. Peacock, XIX. 399 †
- Rains, force of, IX. 567
- Recensement générale de l'Egypte: Boinet Bey, XI. 569 †; XVI. 488 †
- Reconnaissance-survey of Jebel Garra and Oasis of Kurkur: J. Ball, XX. 669 †
- Redemption of: W. B. Worsfold, XVI. 367 †
- Reports: Lord Cromer, XIV. 117 †; XVI. 102 §, 488 †; XVIII. 328 †, 441 §
- Senussi and his threatened holy war: T. R. Threlfall, XVI. 124 †
- Situation in Egypt: Sir W. T. Marriott, VI. 296 †
- Some experiences in: F. B. Elmslie, XIII. 561 †
- Study on Northern Etbai: E. A. Floyer, I. 470 †
- Terrains néogènes de la Basse-Egypte: C. Deperet et R. Fourtau, XVI. 580 †
- Topographie und Geochemie des Aegyptischen Natron-Thals: G. Schweinfurth und L. Lewin, XII. 434 †
- Trade Rep., XIII. 561 †; XVIII. 231 †; British, 1895-1900, XVIII. 551 †
- Uno sguardo sull' Egitto e l'Abissinia: L. Reinisch, X. 340 †
- Unter den Fellachen Gossens: R. T. K., XVII. 553 †
- Unter der Beduinen der ägyptischen Wüste, XIV. 118 †

EGYPT

Egypt—continued.

- Upper Egypt, Illustrated itinerary: A. Gayet, III. 438 †
- Visite à la vallée du Bir-el-Ain: A. Gayet, IX. 681 †
- Voyage dans la partie septentrionale du désert arabe: M. R. Fourtau, XVIII. 232 †
- Archæology and Ethnology—
- Asien und Europa nach altägyptischen Denkmälern: W. M. Müller, IX. 114 †
- Atlas of Ancient Egypt: Egypt Exploration Fund, IV. 95 †
- Causerie ethnographique sur le Fellah: Piot Bey, XV. 438 †
- Collection of antiquities in possession of Lady Meux: E. A. Budge, VIII. 652 †
- Dictionary of Egyptian archæology: M. Brodriek and A. A. Morton, XIX. 527 †
- Egypt of Hebrews and Herodotus, A. H. Sayce, VII. 213 †; VIII. 70 §
- Ein altes Stauwerk aus der Pyramidenzeit: G. Schweinfurth, VI. 296 †
- Ethnologische Stellung der . . . Aegypter: R. Virchow, XIV. 336 †
- Exploration Fund, Fayam Towns and their Papyri: B. Grenfell, A. Hunt, and D. Hogarth, XVIII. 232 †
- Figure de la Terre connue des anciens Egyptiens: M. Moktar Pacha, V. 402 †
- Geography during the Coptic epoch: E. Amélineau, II. 564 †
- Gizah, Construction of great pyramid of: C. M. Watson, XX. 669 †
- Herodotus and Egyptian geology: F. Walker and Sir J. Dawson, XIV. 459 †
- Land of Goshen and the Exodus: R. H. Brown, XIV. 117 †
- of the Monuments: J. Pollard, IX. 105 †
- Mons Claudianus in der östlichen Wüste Aegyptens: G. Schweinfurth, IX. 681 †
- Musée de géographie et d'ethnographie: F. Bonola, XV. 550 †
- Mythological-Geographical text: A. Wiedemann, XVI. 494 †
- Origine des Egyptiens, etc.: G. Schweinfurth, X. 551 †; XI. 198 †
- Origines africaines de la civilisation de l'ancienne Egypte: Zaborowski, XIII. 561 †
- Pyramides de Ghizeh, Environs des: R. Fourtau, XV. 438 †
- Queen Mœo and the Egyptian Sphinx: A. le Plongeon, VIII. 535 †
- Relations of Egypt and early Europe: F. Petrie, XI. 207 †
- Stone Implements, Collection made by Mr. Seton-Karr: H. O. Forbes, XVI. 250 †

EGYPT

Egypt—*continued.*

Temples de la Géographie dans l'Égypte antique: L. Mayou, X. 340†

Maps—

Aufnahmen in der östlichen Wüste von Aegypten: G. Schweinfurth, †XIII. 691; XVI. 708; XX. 567

Bartholomew's Tourist map, X. 660

Carte de la Basse-Égypte: Audebeau, Souter, and Colani, XI. 109†

Dakhla Oasis (Survey Dept.), XVI. 595†

First or Assuan Cataract (Survey Dept.), XVI. 595†

General Map (Survey Dept.), XVI. 136†

Originalkarte des Nilthals von Farschut bis Kom-Ombo, XVII. 329†

Verbindungswege zwischen den Oasen Dakhla und Charaga: W. K. W. Kumm, XX. 134†

Egyptian Sudan: *see* Sudan

Ehlers, O. E.; biography: W. Wolkenhauer, VII. 569†; IX. 115†; death, VII. 102; Bangkok, VII. 678†; Im Osten Asiens, IX. 459†; In Sattel durch Indo-China, V. 88†; last expedition in New Guinea, VII. 431

Ehlert, R.: Horizontalpendelbeobachtungen im Meridian zu Strassburg, IX. 245†

Ehmann, P.: Sprichwörter . . . der Japanischen Sprache, X. 550†; XI. 312†

Ehni, J.: Souvenirs du Mont Hôr et des ruines de Petra, IV. 376†

Ehrenberg, C. G. (biography): S. Gunther, VII. 222†

—, K.: Die geographische Bedeutung Wurzburgs, IV. 185†

Ehrenreich, P.: Beiträge zur Völkerkunde Brasiliens, I. 184†; Ein Ausflug nach Tusayan (Arizona), XIV. 683†; Neue Mitteilungen über die Guayaki in Paraguay, XI. 456†; Sudamerikanische Stromfahrten, I. 86†

Eichener See, Black Forest, XV. 175

Eichmüller, G.: La région du Myvatn en Islande, IX. 336†

Eick, L.: Reise ins Kwai- und Mazumbailand, IX. 106†

Eide, Færoes, VI. 20

Eiderstedt pen., coast changes, II. 365

Eidsvold gold-field (reports): W. H. Rands, XI. 320†

Eifel—

Die Eifel: O. Follmann, IV. 184†

Eifelmaare, W. Halbfass's observations, X. 436, 647; Tiefenkarte der, X. 347†

Niederschlagsverhältnisse der: P. Polis, XII. 321†

Région montagnaise de la rive gauche du Rhin: G. Six, XIX. 393†

Eiríksjökull snowfield, Iceland, XII. 497

ELBE

Eis, lake, Tatra mts., II. 257

Eisen, G.: Cerros or Cedros I., XVIII. 234†; En färd till Baja California och Sonora, X. 456†; Explorations in Cape Region of Baja California, VII. 679†; VIII. 398§; XI. 201†; XVII. 556†, 663§

Eitel, Rev. Dr.: China and Far Eastern question, XIX. 768†; Chinese notions on geography and geomancy, XX. 131†; Some little-known features of China, XIX. 396†

Eivind Astrup, mt., Siberia, IX. 476

Ekaterinoslav, population, IX. 658; X. 199

Ekholm, N.: Observations faites au Cap Thorsden, Spitzberg, par l'expédition Suédoise, III. 163†; Om Andréas ballongförd under de två första dagarna, XI. 204†; Om Klimatets ändringar i geologisk och historisk tid, XV. 556†; Do. (English trans.), XVII. 681†; Om väderteksförhållandena . . . luftballong, VII. 567†; Sveriges temperatur förhållandes, etc., XV. 662†; Ueber die Einwirkung . . . der Erdrotation auf die Luftbewegung, XI. 457†

— und S. Arrhenius: Ueber . . . Periode der Polarlichter und Gewitter, XIV. 687†

Ekman, W.: Erklärung und Berechnung des Stromverlaufs an Flussmündung, XVI. 258†

Ekstam, Dr.: expedition to Novaya Zemlya, XIX. 221

El Ajim, port and strait, XI. 583

Elam, Upper, and Bakhtiari mts.: H. A. Sawyer, IV. 481*

El Arish, Egypt, XX. 504; Itinerary from Kantara to: A. R. Guest, XIII. 281*; sand-dunes at, XI. 560, 562

El Atrash, Sheik, V. 23

Elba—

Island of: O. Marinelli, IV. 185†

L'île au début du XIX^e siècle, XI. 681† Trade Rep., XIV. 454†; XVI. 571†

Elbe, river—

Bewegung des Elbwasserstandes bei Magdeburg: J. Maenss, XIX. 522†

Delta der: W. Henz, XV. 188†

Elbe, son régime et son importance économique: M. R. Chudeau, XVII. 206†

Elbe und der Hafen von Hamburg: M. Buchheister, XV. 293†

Elbestrom, sein Stromgebiet, etc., XVI. 552§, 571†

Hydrographie des Elbsystems nach G. von Alvenslebens Topographie: G. Lorenz, XVII. 444†

Marschbewohner an der Weser und Elbe: A. Hofman, VIII. 647†

Régime de l'Elbe: B. Auerbach, XX. 239†

ELBE

- Elbe, river—*continued*.
 Statistik der sächsischen Elbverkehrs:
 K. Ganzenmüller, XIX. 521†
 Tanais, ancient name, I. 519
 Teilung der: J. Maenss, XIII. 88†
 Variations in level of: P. Schreiber, I.
 278†
 Water-level, and amount of water de-
 livered by, IX. 563
 Elbe-Trave Canal, Germany, V. 379
 Elberling, E.: Olndringer i den politiske
 geografi, XIV. 466†
 Elbing mouth of Vistula, Reopening of,
 XII. 409
 Elburz Mts. to Caspian Sea: H. L. Wells,
 XI. 452†
 Elder, Sir T.: obituary, IX. 453
 — exploring expedition in Australia,
 I. 552; III. 334; Journal of: D. Lind-
 say, III. 163†; Photographs, II. 96;
 Scientific results: V. Streich, II. 566†
 Eldjá, volcanic rift, Iceland, IV. 454
 Eldoma fort, E. Africa, IX. 384; ravine,
 XIV. 276
 Eldorado of the ancients: C. Peters, XX.
 529§
 Eldridge, G. H.: Geological reconnais-
 sance in N.W. Wyoming, VII. 216†
 Eldslandet: O. Nordenskjöld, VII. 445†
 Elneff: explorations near Irkutsk, XI.
 429
 Elephant—Domestication de l'éléphant
 d'Afrique: P. Bourdard, VIII. 652†;
 XII. 525; Hunting in C. Africa, VII.
 374; Hunting in E. Equatorial Africa:
 A. H. Neumann, XI. 453†; means of
 transport in E. Africa, V. 328; of Siam,
 XI. 477, 481; Utilisation rationnelle de
 l'éléphant: J. Carton, XVII. 456†
 Elgeyo escarpment, E. Africa, XIX. 9
 El-Ghorfa province, Taflet, V. 332
 El Golea . . . in der algerischen Sahara,
 nach Hugnet und Pettier, XV. 193†
 Elgon, Mt., XII. 362; XIV. 133, 283; XIX.
 13; Caves and waterfall of, XIX. 14;
 Journey round, C. W. Hobley, VIII.
 636; IX. 178*; On the slopes of: Mr.
 and Mrs. Crabtree and T. R. Buckley,
 XIX. 655†
 El-Gonyi tribe, C. Africa, IX. 179, 183
 Elgumi or Wamia tribes, Kavirondo, XII.
 366
 El Hab, Bashan, V. 17
 El Haira, Wadi, Tripoli, IX. 629
 El Hamma, Tunis, XI. 602
 El Homeur, Capt. Almand's work at, IV.
 364
 Elias, N.: Biography, XI. 207†; History
 of Moghuls of C. Asia, XIII. 319†;
 journey to Pamirs, VIII. 254; Note on
 A. A. Borradaile's paper (Journey in
 N. Mongolia), V. 572*; Obituary: S.
 Wheeler, X. 101, 460
 — and E. Denison Ross: Tarikh-i-
 Rashidi of Mirza Muhammad Haidar
 Dughlat, VI. 194†

ELMSFEUER

- Eliot, Sir C. N. E.: Journey through
 Uganda, down Nile to Gondokoro, XX.
 611*
 Elizabeth, visit to Gilbert Is., VI. 333
 Elizabethan navigator, Spoon of an, II.
 556
 — seamen, Voyages to America;
 ed. E. J. Payne, XVII. 217†
 Elk lake, N. America, VI. 285
 El Khaur mts., S. Arabia, XII. 61
 Ella lake, Bear I., XIV. 58
 Ellery, R. L. J.: Magnetic shoal off
 Beazut I., N.W. Australia, I. 88†
 Ellesmere Land, XX. 414; A. Björling's
 expedition to, IV. 15; R. Stein's, XIV.
 571; XVI. 689
 Ellet, F.: Long Kin Hole, XVI. 246†
 Ellice, E. C.: Place-names in Glengarry,
 etc., XII. 627†
 Ellice Is.—Marine surveys, IX. 657; Note
 on, VIII. 642
 Elliot, D. G.: Catalogue of birds obtained
 by expedition into Somaliland, X.
 340†; Do. of mammals from Olympic
 mts., Washington, XIV. 684†; Land
 and sea mammals of N. America, XIX.
 529†; Mammals of N. America and
 adjacent seas, XVIII. 334†; New
 species of mountain goat, XVIII. 233†
 —, R. H.: Gold, sport, and coffee-
 planting in Mysore, IV. 85†
 Elliot, G. F. Scott-: see Scott-Elliot, G. F.
 Elliott, Sir C. A.: Annual address to
 Asiatic Society of Bengal, IV. 187†;
 Prevention of famine in India, IX.
 574†; Recent famine in India, XIV.
 458†; XV. 79†; remarks on "Journey
 from Tonkin to Assam," VIII. 582
 —, C. P.: Mount St. Helen's, XI.
 99†
 —, F.: Diary of an idle woman in
 Constantinople, I. 279†
 Elliptical orbits: H. Larkin, V. 395†
 Ellis, A. B.: death, III. 523; History of
 coast of W. Africa, III. 72†; Yoruba-
 speaking peoples of Slave-coast, III.
 439†; letter on "Island of Sultana,"
 II. 177
 —, W.: Magnetic results at Greenwich
 and Kew, XIV. 345†; Relation between
 diurnal range of magnetic declination,
 etc., XII. 217†
 — and Elvey's catalogue, IV. 471†
 Ells, R. W.: Canadian geological nomen-
 clature, XVII. 450†; Physical features
 . . . of Palaeozoic basin between Lower
 Ottawa and St. Lawrence rivers, XIX.
 528†; Report on . . . Province of
 Quebec, IX. 107†
 — and A. E. Barlow: Physical
 features, etc. . . . proposed Ottawa
 Canal, IX. 463†
 Elmentaita lake, E. Africa, II. 125; IV.
 307, 310
 Elmsfeuer und Blitzgefahr im Gebirge:
 E. Bosshard, XIII. 97†

ELMSLIE

- Elmslie, F. B.: Experiences in Egypt, XIII. 561 †
- El M'Til, ruins, Morocco, XIX. 191
- Elmwood, Franz Josef Land, VIII. 550 †
- El Obeid, G. Talbot on position of, XVII. 428; Photographs in neighbourhood: H. D. W. Lloyd, XVIII. 350
- Elpons, Komp. von; Ascent of mt. Rungwe, XIII. 433; journey to Lake Rukwa, XI. 550; Uhehe, VIII. 311 †
- Elsdale, H.: Problem of races in Africa, VII. 678 †
- Elster, Hydrologie der weissen: H. Gruner, I. 373 †
- Elter, A.: De H. Glareano geographo, etc., X. 328 §; XI. 323 †
- Elterlein, A. von: Das Vorkommen des Goldes, XI. 459 †
- Elton, C. J.: Career of Columbus, I. 90 †
- El Wad, Sahara, XX. 516
- Elwes, H. J.: Address to Entomological Society, VI. 199 †; On zoology and botany of Altai mts., XIV. 116 †, 204 §
- Embley, J. T.: Western watershed of ... Cape York Pen., XI. 204
- Emed, Mysia, IX. 261, 270, 272; altitude, IX. 275
- Emerald mines of N. Etbai: D. A. MacAlister, XVI. 537 *; of Sikait: H. W. Seton-Karr, XIV. 681 †; XVIII. 97
- Emerson, B. K.: Geology of E. Berkshire County, Mass., XVI. 583 †; Geology of Old Hampshire County, Mass., XV. 195 †
- Emigration and immigration during past years: F. J. de Santa-Anna Nery, I. 284 †; Ein Jahrhundert der überseeischen Völkerwanderung: A. Dix, XV. 446 †; to Siberia, IX. 663
- Emin Pasha, his life and work: G. Schweitzer, XII. 641 †; XIII. 416 §; Explorations in Africa, II. 19; Report of murder of, I. 458; obituary, II. 468
- Emirler Keui, Asia Mi.; altitude, IX. 275
- Emmer, J.: Register ... des Deutschen und Oesterreichischen Alpenvereins, VIII. 535 †
- Emmons, S. F.: Alaska and its mineral resources, XII. 100 †; Geology of Government explorations, IX. 342 †; Mines of Custer County, Col., XI. 317 †
- , W. Cross, and C. H. Eldridge: Geology of Denver basin, XI. 317 †
- Empire, The: *see* British Empire
- Ems-Jade Canal, Germany, V. 379 †
- Enchanted Mesa, The: F. W. Hodge, XI. 98 †
- Encyclopædia Britannica, New Volumes, XX. 473 †, 675 †
- , Chambers', V. 187 †
- Enderby Land, Antarctic, XIII. 644; XIV. 478 †
- Endere, ruins at, XX. 604

ENGLAND AND WALES

- Endlich, R.: Etymologie des Wortes Paraguay, XVI. 254 †
- Engadine—
La Haute Engadine: M. Maquet, XIII. 211 †
— et la Bregaglia à travers les siècles: W. A. B. Coolidge, V. 280 †
Le Massif de la Bernina: M. Maquet, XIV. 224 †
- Engaño—Viaggio ad Engano: E. Modigliani, III. 438 †; V. 282 †; Do., review by F. H. H. Guillemard, IV. 153 *
- Engel, E.: Biography, IX. 583 †
- Engelbrecht, T. H.: Die Landbauzonen der aussertropischen Länder, XIII. 461 †; XV. 52 §
- Engelbrethsen, P.: Die erste Entwicklung unserer Erde, XIX. 238 †
- Engelhard, H. E. D.: De afdeeling Doesonlanden, XVII. 551 †
- Engelhardt; journey in E. Africa, X. 328
—, A. P.: Russian Province of the North, XIV. 112 †
- Engell, M. C.: Geographischen Verhältnisse von "Les Landes," XIX. 750 §, 766 †; Terrestriske Nordpols Variation, XIX. 406 †, 642 §
- Engholm, W. A.: Om fagellifvet i sjön Takern, XI. 89 †
- Engineering Congress, International, XIX. 783 †
- England and Wales—
Eastern Counties: C. S. Ward, Thorough Guide series, XIV. 332 †; XX. 121 †
- England; Cassell's geographical readers, V. 504 †
- England's history as pictured by famous painters: A. G. Temple, VII. 677 †
- English sailors, early trading voyages, IX. 605, 613
—seamen in the 16th century: J. A. Froude, VI. 397 †
—shires, Story of some: Bishop Creighton, XII. 322 †
—Township, The: T. H. B. Graham, XII. 203
- Entdeckungsgeschichte von England im Alterthum: W. Sieglin, XIX. 395 †
- Fruit and flower farming in England: W. E. Bear, XII. 626 †; XIV. 224 †
- Gazetteer of England and Wales: J. H. F. Brabner, † III. 249; IV. 184, 576; V. 504; VI. 392; VII. 110
- Gentleman's Magazine Library; English Topography: G. L. Gomme and J. A. Milne, † I. 467; VII. 110; IX. 235, 574
- Home geography of England and Wales: G. P. Bevan, II. 88 †
- Modern Geography, German and

ENGLAND AND WALES**England and Wales—continued.**

- English: H. J. Mackinder, VI. 367*
 Navigation, Canal and river: L. B. Wells, †IV. 93; V. 85; X. 227; XII. 221; Inland, Report (Inst. Mining Engineers, IX. 235†
 Parish life in England: A. Jessop, XI. 309†; XII. 203†
 Political associations: *see* British Colonies, British Empire, Great Britain
 Popular education in England, Report: J. G. Hodgins, XIV. 332†
 Present situation of England: G. T. Denison, XI. 89†
 Vestiges of village communities in England: H. T. Crofton, IV. 58, 84†
 Wachstum Englands, Das: J. Heide- rich, XIX. 662†
 Why has England become a great manufacturing country? R. Lodge, IX. 458†

Cartography and Surveys—

- Admiralty surveys, IV. 26; XIV. 84
 Bartholomew—Cyclists' Touring Map, XV. 677†; Reduced Ordnance Survey, †IX. 585; XI. 209, 325, 462, 690; XII. 107, 332, 442; XIV. 238, 347, 692; XV. 559; XVI. 134, 708; XVII. 100; XVIII. 115, 244, 462; XIX. 535, 664; XX. 133, 474, 566; Road Map, X. 558†; Tourist's Map, IX. 585†
 "Contour" Road Book: H. Inglis, XII. 203†, 322†

County Council's map of river-basins: C. E. De Rance, I. 475†

- Geological Survey, VI. 341; Memoirs of, XX. 553†; Geological map: Sir A. Geikie, XI. 578†; Survey maps, †XIX. 411; XX. 474, 566, 676

Johnston—Modern map of England and Wales, XII. 332†; Railway map, VI. 492†; Three miles to an inch map, XIV. 468†**Magnetism—Die Isoklinen-Karte von Whiston, etc.: W. Felgentraeger, V. 178†**

- Ordnance Surveys, †I. 92, 189, 285, 382, 475, 572; II. 94, 190, 283, 477, 569; III. 78, 165, 258, 353, 441, 537; IV. 93, 191, 382, 476, 581; V. 93, 189, 286, 405, 509, 610; VI. 103, 202, 297, 491; VII. 120, 225, 341, 449, 572, 686; VIII. 94, 197, 313, 426, 537, 654; IX. 118, 246, 349, 469, 585, 690; X. 125, 235, 346, 557, 657; XI. 107, 209, 325, 462, 577, 690; XII. 107, 221, 332, 442, 548, 643; XIII. 101, 221, 332, 462, 572, 690; XIV. 125, 237, 348, 467, 590, 691; XV. 92, 201, 304, 449, 559, 677; XVI. 134, 261, 377, 496, 592, 707; XVII. 99, 103, 219, 223, 328,

ENGLER**England and Wales—continued.**

- 457, 566, 571, 684; XVIII. 116, 243, 345, 461, 556, 650; XIX. 113, 243, 410, 535, 663, 784; XX. 132, 252, 366, 474, 565, 676; Catalogue of maps and plans, VIII. 189†; XVIII. 548†; List and prices of maps, XVIII. 351†, 655
 Railway map, Official, prepared . . . at railway clearing house, XX. 676†
 Relief map: Longmans & Co., VII. 342†
 Tidal observations and Ordnance spirit-levelling, XIV. 571§, 578†
 Climatology—
 Dust shower in S.W. of England, XIX. 767†
 English climatology: F. C. Bayard, I. 563†
 Rainfall in E. and W.: W. Marriott, XVII. 319†
 Rain-storm in C. England, XVII. 186

Physical geography—

- Caves, X. 500
 English plains and escarpments: R. Lydekker, XI. 89†
 Fragment of geography of England: H. R. Mill, XV. 205,* 353* ; XVI. 246†
 Geological structure of rocks, II. 527
 Glacial period, IX. 366
 Regional geology, XII. 519
 Rivers, Development of certain English: W. M. Davis, V. 127* ; diversion of drainage of: Davis and Herbertson, XX. 524; Southern river systems, A. Strahan on, XX. 97; Buckman on, XX. 533
 Scenery, variety of, IX. 566; Scenery of England: Lord Avebury, XIX. 767†; XX. 89§
 South-Eastern coalfield: B. Dawkins, XV. 190†

—England, Lowlands of, XII. 68**Population—**

- Births, deaths, and marriages, Annual report, XV. 548†
 Census of 1891, General report, and index to population tables, III. 249†; Do. 1901, Preliminary report, XVIII. 547†
 Distribution of population: T. A. Welton, XVII. 547†
 Local death-rates: T. A. Welton, IX. 679†
 Répartition de la population en Angleterre au cours de XIX^e. siècle: P. Lavagne, XIX. 395†
 Towns and villages, Distribution of: G. G. Chisholm, IX. 76* ; X. 511†
 Engler, A.: Die Entwicklung der Pflanzen-Geographie, XV. 90†; Die Pflanzenwelt Ost-Afrikas und der Nachbargebiete, VIII. 417†; Flora of Usambara,

ENGLER

- V. 170; do., Mountain, of N. Nyasaland, XX. 338; Geographische Verbreitung der Rutaceen, etc., X. 233†; Hochgebirgsflora des tropischen Afrika, I. 376†; Vegetationsverhältnisse des Ulugurugebirges, XVI. 250†
- Engler and O. Drude: Die Vegetation der Erde, XX. 564†
- Englisch, K. R. von: Die Hohe Tátra und die Alpen, XVI. 570†
- English, A. C.: journey in Br. New Guinea, XIII. 540
- English catalogue of books, †IX. 584; XIII. 330, 571; XVII. 582
- Channel—Seaside Meteorology: W. G. Black, VI. 292†; Pilot: J. W. King, XV. 662†; (Supplements), VIII. 187†; XVIII. 546; Travel of shingle across bays of, XI. 540; Valley form of, IX. 537
- and Irish Channels, Tidal Streams (charts), XIV. 351†
- Language—English-German dictionary: Flügel, Schmidt, Tanger, VII. 571†; English-French, etc., Vocabulary and dialogues: C. A. Thimm, 536†; Standard dictionary of, XV. 448†
- English-speaking people, Federation of: J. Milne, V. 399†
- Englishwoman's year-book and directory: E. James, XV. 448†
- Enjoy, P. d': Autonomie communale en Annam, XII. 431†; Colonisation de la Cochín-Chine, XI. 311†; Incursion chez les Moïs, VII. 111†; Pays d'Annam, XIX. 230†; Voie ferrée de Bassac à Saïgon, IX. 338†
- Enlart, C.: L'île de Chypre, XI. 88†
- Enneacrunus, fountain, Athens, XII. 161
- Enneberg, crust-torsion at, XVI. 458
- Ennerdale lake, VII. 618; depth, IV. 238; survey, II. 548; VI. 72, 162
- Ennia country and people, Somaliland, XX. 374
- Entomological Society, Address to: H. J. Elwes, VI. 199†
- Entrecasteaux, d': Collection de dessins provenant de l'Expédition de: E. T. Hamy, VII. 568†; IX. 114†; D'Entrecasteaux 1787–1793; Baron Hulot, V. 400†
- Environment—Effects of geographical: G. G. Hubbard, X. 554†; Influence of geographical: C. Mindeleff, X. 234†; Influence upon human industries and arts: O. T. Mason, XI. 105†; In relation to sex in human culture: O. T. Mason, XIX. 782†; Relation of primitive peoples to: J. W. Powell, XI. 105†
- Enzensperger, J.: Der Wilde Kaiser, XI. 307†; Die Hofäts im Algau, IX. 457†
- Eocene beds, mammalian remains in, IX. 74
- Eotvos, R. B.: Gravitation und Erdmagnetismus, XI. 103†

ERITREA

- Epeirogenic uplift, Wave-like progress of: W. Upham, IV. 380†
- Ephesus, history of, XX. 274
- Epirus, III. 323; *see* Albania
- Epois, M. J.: Carte générale de la Martinique, XX. 475†
- Equateurville, Congo Free State, Meteorological observations at: C. Lemaire, III. 438†
- Equator Ridge and Peak, E. Africa, IV. 307
- Equatorial maps, Equal-area projection for, E. Hammer on, XV. 427
- Province, Notes from: A. D. Milne, XIV. 582†; Die Wahrheit über Emin Pascha, die ägyptische Aequatorialprovinz und den Soudan, etc.: Hassan and Baruek, III. 72†; Truth about Emin Pasha and the Soudan: V. Hassan, II. 90†
- and Guinea currents: J. Y. Buchanan, VII. 267
- Equilibre intercontinental: L. Drapeyron, XII. 640†
- Equipment of exploring expeditions: M. W. Brown, XIII. 220†
- Eratosthenes, on ancient Arabian navigation, II. 46
- Erba, mt., Sudan, VIII. 349, 352
- Erbach-Erbach, Graf E.: Im Delta des Orinoko, VII. 566†
- Erekert, R. von: on old bed of Oxus, I. 64; Wanderungen und Siedelungen der germanischen Stämme in Mittel-Europa, XVII. 99†
- Erdek, Mysia, IX. 158
- Erdweg, P. J.: Besuch bei den Varópu (Deutsch-Neu-Guinea), XVII. 560†
- Erebus mt., Antarctic, III. 9; XVI. 398; XVII. 489
- Eremian subregion of Palaearctic region, X. 88
- Erer river, Somaliland, IV. 528, 530; VIII. 122, 135
- Erfurt, Die Lagenverhältnisse von: A. Kirchhoff, VII. 107†
- Erg Region, journey of Foureaux in, VII. 663
- Erhardt, J.: obituary notice, XVIII. 543†
- Erichsen, M.: Expedition to Greenland, XIX. 641
- Ericht, Loch, Bathymetrical survey, XVII. 289
- Eriesson, C.: Visit to the Philippines, XII. 96†
- Eridanus river, Greece, XII. 161
- Erie lake: *see* Great Lakes
- railway, XIII. 523
- Eristoff, Prince R. D.: Notes on Svanetia, XII. 206†
- Eritrea—
- À travers l'Erythrée italienne: G. Saint-Yves, XX. 246†
- Alten und neuen Grenzen Erythräas: C. von Bruchhausen, XII. 434†
- Arsilée e Golima, il paese degli 'Afár etc.: G. Cora, XIX. 233†

ERITREA

Eritrea—continued.

- Avvenire della colonia Eritrea: L. Franchetti, VI. 488†; X. 340†
- Bevölkerungsverhältnisse der . . . Erythraea: W. H. Fritzsche, VI. 488†
- Carta della Colonia . . . e le critiche del G. Cora, XIX. 528†
- Censimento della popolazione indigene: C. Rossini, XIX. 656†
- Colonia Eritrea dalle sue origini, etc.: T. B. Melli, XVII. 211†
- Colonies italiennes: E. Brion, VII. 214†
- Escursione dall' Asmara a Mai Daro: F. Ciccodicola, V. 283†
- Il mio recente viaggio, etc.: G. Schweinfurth, V. 89†
- Italiens en Erythrée: C. de la Jonquière, X. 178, 229†
- Itinerary from Asmara to South: G. Bettini, I. 470†
- Maps—Carta della Colonia Eritrea (Inst. Geogr. Militare), XVII. 100†; XX. 475†; Nuove Carta . . . Eritrea e Regioni Limitrofe, VII. 450†
- Notes on: Capt. L. Haneuse, I. 470†
- Photographs: G. Schweinfurth, X. 348
- Reise mit Dr. M. Schoeller in der . . . Erythraea: G. Schweinfurth, IV. 577†
- Sfera d'influenza italiana nella Spezialkarte di H. Habenicht, XVIII. 551†
- Sul Clima della Colonia Eritrea: L. de Magistris, VII. 214†
- Sulle odierne condizioni dell' Eritrea: A. Parazzoli, XIX. 233†
- Wert von Italienisch-Afrika, VIII. 311†
- Erk, F.: Die erste Konferenz der internationalen acronautischen Kommission, XII. 547; Einwirkung . . . einer Wolkendecke, XII. 439†; Klimatologische Landesforschung in Bayern, XVII. 544†; Wichtigsten Bergobservatorien, XVI. 374†
- Erkelens, B.: Geschiedenis van het Rijk Gowa, XII. 324†
- Erlang temple, Sechuan, X. 241
- Erlanger, Baron: Expedition to N.E. Africa, XVII. 190, 528; XIX. 87; S. Abyssinia, XVIII. 214; Sulla spedizione . . . in Abissinia, XX. 354†; Ueber die Reise in den Galla-Ländern, XVIII. 330†
- and O. Neumann: Reise in Nordost-Afrika, XVI. 581†; XVII. 677†
- Ermine Street, X. 517
- Erodi, B.: L'activité de la Société Hongroise de Géographie, IX. 688†; Sixth International Geographical Congress, VIII. 537†; Utazásom Sicília és Malta szigetén, VIII. 188†
- Erosion—
- Erosion torrentielle post-glaciaire dans quelques vallées: E. Chaix, XX. 674†
- Les phénomènes d'érosion: J. Girard, XIII. 686†

ESPERANDIEU

Erosion—continued.

- Marine and subaërial: H. W. Monekton, XX. 563†
- Winderosion: S. Passarge, XVIII. 555†
- Erratic blocks of British Isles, XIV. 332†
- Errera, C.: Atlanti e Carte nautiche, etc., IX. 686†; Della carta di Andrea Bianco, VI. 588†; IX. 185; L'epoca delle grandi scoperte geografiche, XIX. 661†
- Erri mts., E. Africa, IV. 315
- Erskine, T.: Shipping and shipbuilding on American lakes, XVI. 353
- Erub I., Pacific, IV. 569
- Erzerum. Trade Rep., †XII. 630; XVI. 698; XVIII. 639
- Erzgebirge—Tremblements de terre de plissement dans l'Erzgebirge: F. de Montessus de Ballore, XIX. 649†
- Erzingan, Euphrates, VIII. 459
- Escande, L.: Navigabilité du fleuve Rouge, VI. 486†
- Escayrae de Lanture, Comte d': P. Durand-Lapie, XVI. 494†
- Esch, E.: Etinde volcano, Kamerun, XVIII. 444; Küstengebiet von Kamerun, XVI. 580†
- Eshenhausen, M.: Magnetische Untersuchungen im Harz, XI. 448†; Minute . . . changes of Earth's magnetism, XII. 218†; Schnelle periodische Veränderungen des Erd-magnetismus, XI. 104†
- Escott, E. B. S.: Condition of Br. Honduras, III. 518
- Eshiras, Excursion au pays des: R. P. Buléon, V. 283†
- Eskdale, river-diversions near, VII. 619
- Esker valley, Spitzbergen, IX. 355, 358
- Eskers, Distribution of, in Ireland: W. J. Sollas, XI. 309†; Esker lakes in N.E. Indiana, XVIII. 93§, 112†
- Eskimo, Cape, Hudson's Bay, VI. 446
- Eskimo Seal lake, Labrador: see Tasialgaluk
- Eskimos, of Baffinland, XVIII. 42; of N. Canada, IV. 445; of Greenland, II. 312; XI. 226, 238
- Eskimo clothing, advantages of, II. 306
- life: F. Nansen, trs. W. Archer, III. 350†
- Eskimoliv: F. Nansen, I. 282†
- Graphic art of: W. J. Hoffman, XII. 637†
- Notes on most northern: H. G. Bryant, VIII. 426†
- Esla, Sobre el origen del rio: A. de Valbuena, XVIII. 633†
- Esmeralda or Todos los Santos lake, XVI. 33
- Rio, Ecuador, I. 154; XVII. 344
- Espada, M. J. de la: Noticias . . . del famoso rio Marañon, I. 86†
- Espagnat, P. d': Aux îles Açores, XIII. 554†
- Espérandieu, E.: Musée de Perigeaux, Inscriptions antiques, III. 69†

ES-SEFALAT

Es-Sefalat, province, Tafilet, V. 332

Essequibo—

Dutch colony of, IX. 447

Old Boundary of Essequibo: J. Redway, VII. 565†

Shore of Essequibo and Demerara: F. J. Gray, XX. 408*

—river, XVII. 355

Esser, M.: Reise nach dem Kunene, etc., IX. 577†; X. 212; Ueber das Gebiet an der Kunenemündung, IX. 340†

Essex—

Agriculture in: F. C. Danvers, X. 454†

Highways, byways, and waterways of: C. Barrett, I. 466†

Past and present, Philips' County Readers: G. F. Bosworth, XIII. 212†

Es-Sifa province, Tafilet, V. 332

Esthétique des villes: A. J. Wauters, IX. 336†

Estreicher, T.: First globe with name America, XVIII. 220; Globus Biblioteki Jagiellońskiej, XIX. 409†

Estrey, H. M. d': La baie de Humboldt, IV. 284†; Le péril jaune, VIII. 426†; Sambas, . . . Bornéo, IX. 461†; Todjo, Posso, Saouson et Mooeton, VIII. 91†

Estrine, L.: Port franc à Marseille, etc., XVI. 360†

Estuaries: H. L. Partiot, V. 185†; Character of: J. Girard, I. 89†; Ice control in, M. Dileos on, IV. 369; Stability of channels through: P. M. Crossthwaite, XII. 545†; *see also* Rivers

Etang de Berre, lagoon, Marseilles: J. C. Roux, I. 278†

Etbai, N., Emerald mines of: D. A. MacAlister, XVI. 537*; XVII. 90†; Study on: E. A. Floyer, I. 470†

Eteroll, M.: winter in Spitzbergen, VI. 553

Etheridge, R.: Catalogue of works, etc., on . . . Australian and Tasmanian aborigines, VI. 198†; Geological and ethnological observations in valley of Wollondilly, XI. 571†; Ideographic carvings of aborigines at Point Piper, Rose Bay, etc., II. 188†; Visit to Narranggullen or Cavan Cave, I. 378†

—, T. W. E. David, and J. W. Grimshaw: Submerged Forest . . . near Sydney, XI. 101†

Ethiophe river, Benin country, I. 126

Ethiopia (*see also* Abyssinia, Galla countries, etc.)—

Ancient trade route across: J. T. Bent, II. 140*

Carta dimostrativa della Etiopia: E. de Chaurand, V. 190†; Do., Elenco . . . dei nomi contenuti nella: Id., VI. 296†

From Somali Coast through S. Ethiopia to Sudan: O. Neumann, XX. 373*

ETINDE

Ethiopian faunal region, III. 98; VII. 282; antelopes of, VII. 285

Ethiopic Manuscripts, Lives of Mabá Seyôn and Gabra Krestôs: E. A. W. Budge, XIII. 571†

Ethnology (*see also* Anthropology, Anthropogeography)—

Communal Barracks of primitive races: S. E. Peal, IV. 470†

Considérations générales sur les races jaunes: E. T. Hamy, VII. 221†

Dreigliederung des Menschengeschlechtes: W. Köppen, VI. 394†

Ethnic influences in vital statistics: W. Z. Ripley, VIII. 426†

Ethnographic investigations in Sumatra: Volz, XI. 672

Ethnographical Survey of Canada, XII. 212†; XIII. 323†; of U.K.: E. W. Brabrook, †IX. 679; XI. 309; XII. 204

Ethnographie, Geographische Methode in: F. Ratzel, X. 234†

Ethnographische Beobachtungen . . . in Togo: H. Seidel, X. 234†

Ethnographie Nordost-Afrikas: P. Paulitschke, VIII. 418†

Ethnography of Aran Is., A. C. Haddon and C. R. Browne on, IV. 59; of Caucasasia, VII. 547; of S.E. Hungary, J. Janko on, IV. 59; of Turkestan and Tibet, XIV. 91

Ethnologisches Notizblatt, XV. 303†

Ethnology: A. H. Keane, VII. 338†, 433§; Man, past and present: Id., XIV. 124†, 449§

—, Bureau of, publications: F. W. Hodge, VI. 396†

—, Controversies in: A. Bastian, III. 164†

— of India, III. 219

Etnologia all'Esposizione di Torino nel 1898: E. H. Giglioli, XVII. 456†

Influence of climate on races: Hon. J. W. Fortescue, II. 189†

On various supposed relations between American and Asian races: D. G. Brinton, IV. 473†

Part played by mountains in distribution of races, F. Regnault on, I. 175

Prähistorische Zeichen und Ornamente: K. von den Steinen, IX. 346†

Pre-Aryan commercial village in India and Europe: J. F. Hewitt, XIV. 225†

Races of Europe: W. Z. Ripley, XV. 433†, 531§

Race problem; its possible solution: E. Atkinson, XX. 248†

Racial geography of Europe: W. Z. Ripley, X. 450†

Rassen und Völker: L. Wilser, XIX. 409†

Etinde—Vulkan Etinde in Kamerun und seine Gesteine: E. Esch, XVIII. 339†, 444§

ETNA

Etna—

- Commentaire zu Griechischen und Römischen Schriftstellern: S. Sudhaus, XII. 440 †
 Eruption in 1892: E. Chaix, III. 69 †
 Height, XIX. 211
 Sur l'observatoire de l': H. Faye, IX. 677 †; J. Janssen, XVI. 572 †
 Vulcanischen Ausbrüche . . . 1892: O. Lenz, IV. 186 †

— river: *see* Copper river

- Etsch, Die: A. Penck, VII. 109 †
 Etude théorique sur la plongée des sous-marins: Leflaive, IX. 349 †
 Etudes géographiques: Venukoff, VIII. 585 †

Etymology (*see also* Orthography, Place-names)—

- Auf der Balkan Halbinsel: J. Levačić, XII. 441 †
 Australian place-names, A. J. Wright on, XIII. 306
 Etymologies Lyonnaises: M. A. Steyert, XVI. 706 †
 Etymology of Africa and Ophir: Sir G. Birdwood, XVI. 134 †
 Names and their histories, etc.: J. Taylor, VIII. 520 §, 536 †
 Repertorium geographico-polyglottum in usum "Sylloges Algarum Omnium": H. De-Toni, IV. 474 †
 Toponomastica e Topolessigrafia: G. Ricchieri e O. Marinelli, XIX. 663 †

- Euler, L.: Ueber Kartenprojection, XIII. 459 †, 685 †
 Eulcus river, Persia, identification of, I. 442

Euphrates—

- Am Euphrat und Tigris: E. Sachau, XVI. 578 †
 Gorges of, Photographs: G. H. Huntington, G. P. Knapp, P. T. B. Ward, XIX. 788
 Sources of the: W. F. Ainsworth, V. 173 *
 Through the great cañon of: E. Huntington, XX. 175 *
 Upper Euphrates, Journey in valley of: V. W. Yorke, VIII. 453 *, 517 *; IX. 89, 236 †

—, Roman roads and defences on, VIII. 322, 462, 468

- Eureka district, Nevada; U.S. Geological Survey: A. Hague, II. 380 †
 Euringer, G.: Berg- und Gletscherfahrten in der Montblanc-Kette, IX. 457 †; Die Grajischen Alpen, XIII. 211 †
 Eurasian subregion of Palæarctic region, X. 87

Europe—

- Ambassade de la Forest et de Marillac à Constantinople, 1535-1538: V. L. Bourilly, XVIII. 546 †
 Anthropology and ethnology, Selected bibliography: W. Z. Ripley, XIV. 576 †

EUROPE

Europe—continued.

- Bevölkerung der Erde: A. Supan, XV. 188 †
 Bewülkung in Europa an Cyklonen- und Anticyklonen-Tagen: C. Kassner, XIV. 330 †
 Changes in political map of Europe, etc.: D. F. Howorth, XV. 188 †
 Climate and Atlantic icebergs, H. Habenicht on, I. 172
 Commercial relations of U.S. with, XVI. 570 †
 Continent by Queenboro' viâ Flushing: H. Tiedman, IV. 280 †
 Crypto-dépessions de l'Europe: J. Cvijic, XX. 99 §, 119 †
 Concordances de la géographie physique avec le groupement logique . . . des Etats européens: E. Payart, XVIII. 322 †
 Distribution of European race: E. Levasseur, I. 188 †
 Early metallurgy of copper, etc., in Europe: W. Gowland XVI. 119 †
 Einfluss der Klima-Schwankungen . . . : E. Brückner, VI. 579 †
 — des Klimas auf die Verwitterung, etc.: E. Ramann, XX. 119 †
 — der Wärmeschwankungen des Norwegischen Meeres auf die Luft-cirkulation; E. Lesshaft, XV. 433 †
 Europa, Eine allgemeine Landeskunde: A. Philippson und L. Neumann, VI. 392 †
 Europäische Seen nach Meereshöhe, Grosse und Tiefe: K. Peucker, IX. 103 †
 European literature upon Hwen Tshang, VIII. 245
 — settlement in C. Africa, VII. 378; W. coast of Africa, VIII. 490; Sahara, III. 417; trade on Niger and Benue, V. 53
 — Tour, The: G. Allen, XV. 78 †
 Expansion de la race européenne hors d'Europe, etc.: E. Levasseur, V. 403 †
 Fågan om istidens . . . Europa: A. G. Nathorst, VII. 560 †
 Fauna, History of European: R. F. Scharff, XIV. 576 †; XV. 172 §
 Fortgängen af Europas allmänna topografiska Kartarbeten: C. Tottie, XIV. 452 †
 Gebirgsbau der Agäis und seine allgemeineren Beziehungen: A. Philippson, XIX. 392 †
 Geological picture of mediaeval Europe, J. B. Nevins, XIV. 110
 Géographie militaire, etc.: O. Barré, XIV. 110 †
 Geography of: L. W. Lyde, XI. 575 †
 Glacial deposits, Classification of: J. Geikie, VI. 292 †

† Bibliographical entry.

§ Review or analysis.

EUROPE

Europe—continued.

- Hauptwetterlagen in Europa: W. J. van Beber, XI. 446 †
 Hégémonie de l'Europe: E. Reclus, IV. 374 †, 456 §
 Histoire orogénique de l'Europe . . . : S. Meunier, VII. 117 †
 Hydrographisch-biologische Erforschung der Meere, Binnenmeere und tieferen Seen Europas: O. Pettersson, XIX. 392 †
 Ibrāhim's-Ibn-Jakāb's Reisebericht über die Slawenlande: F. Westberg, XV. 187 †
 Intorno ad alcuni strumenti litici . . . nell' Europa: E. H. Giglioli, XVII. 443 †
 Korstøge fra Norden til den spanske Halvø: A. Fabricius, XVI. 484 †
 Map of Europe by treaty: Sir E. Hertslet, II. 378 †
 Militär-topographischen Arbeiten in den europäischen Staaten: V. Haardt, XVI. 484 †
 Mouvement colonisateur de la race européenne vers l'Orient: S. E. M. J. de Semenow, V. 403 †
 Mitteleuropäische Landschaftsbild nach seiner geschichtlichen Entwicklung: R. Gradmann, XVIII. 631 †
 Odd bits of travel with brush and camera: C. M. Taylor, XVII. 445 †
 Plinius is meretei a szittayák hazájáról es Európa éjszaki rés-zeiről: H. Zoltántól, XVII. 672 †
 Political and social: M. Block, I. 180 †
 Politisch-geographische Rückblicke: F. Ratzel, XI. 564 †
 Popolazione dell' Europa: F. M. Pasanisi, XVI. 242 †
 Population de certaines villes d'Europe: A. Huni, XI. 680 †
 Races de l'Europe: J. Deniker, XVI. 119 †
 Races of Europe: W. Z. Ripley, XV. 433 †, 531 §
 Racial geography of: W. Z. Ripley, X. 450 †
 Razze d'Europa: F. M. Pasanisi, XVII. 543 †
 Recensements de population: C. Cilvanet, XIX. 392 †
 Régime pluviométrique de l'Europe occidentale: A. Angot, VII. 110 †
 Rivers—Areale der europäischen Stromgebiete: A. Bludau, XVII. 445 †; Temperatures of: H. N. Dickson, VI. 264 *
 Sonnenschein in Europa: H. König, IX. 573 †
 Stanford's Compendium of Geography, etc., Europe: G. G. Chisholm, XV. 172 §, 187 †

EUROPE

Europe—continued.

- Steppen-bildung in Europa: A. Nehring, VI. 579 †
 Strategical geography of: T. M. Maguire, I. 468 †; XVI. 119 †
 Sugar industry on the Continent: Y. Guyot, XX. 665 †
 Topographie der Feldzüge Robert Guiscard's gegen das byzantinische Reich: B. Dentzer, XIX. 103 †
 Tourist Guide (G. E. Rly.): P. Lindley, VI. 483 †
 Tundras and steppes of Europe, Prehistoric: J. Geikie, XII. 426 †
 Undersökningen af norra Europas djupa sjöar . . . 1900: O. Pettersson, XX. 552 †
 Verbreitung der Schriftarten in: L. Henkel, XVIII. 101 †; map, XVIII. 244 †
 Verteilung der Kopfformen in Europa, E. Schmidt, XVI. 119 †
 Vorgeschichtliche Kultur Europas: etc.: H. Hirt, XIII.
 Weltgeschichte: H. F. Helmolt, XVII. 543 †
 Winterklima in Mittel- und Nord-west Europa: W. Meinardus, XIII. 318 †
 Central—
 Condominium dans l'Europe centrale: Moiresnet, XIX. 392 †
 De kvartaere Stepper i Mellemeuropa: M. Vahl, XX. 238 †
 Evaporation in C. Europe, A. Penek's researches, V. 483
 Fossile Kamele in Rumänien und die pleistocene Steppenzeit Mitteleuropas: A. Nehring, XVIII. 546 †
 Geographical research in: K. Peucker, IV. 171
 Hohe Tátra und die Alpen: K. R. von Englisch, XVI. 570 †
 Jagttagelser paa en Rejse i Mellemog Sydeuropa: Meldahl, IX. 103 †
 Memel- Pregel- und Weichselstrom: H. Keller, XVI. 570 †; V. Kremser, XVI. 570 †
 Pflanzendecke Mitteleuropas: A. Schulz, XIV. 452 †; Pflanzenwelt Mitteleuropas: Id., VI. 99 †
 Problem of C. Europe: Baron P. de Coubertin, XVIII. 630 †
 Temperatur fließender Gewässer Mitteleuropas: A. E. Forster, V. 185 †
 Vegetation der Diluvialzeit in den mittleren Regionen Europas: C. A. Weber, XV. 187 †
 Verbreitung der Halophilen Phanerogamen in Mittel-Europa: A. Schulz, XIX. 391 †
 Wanderungen und Siedelungen der germanischen Stämme: R. von Erckert, XVII. 99 †
 Eastern—
 Beiträge zur Klärung orientalischen

* Paper or long art., q.v. for general information.

EUROPE

Europe—continued.

- Quellen über Osteuropa: F. Westberg, XVII. 84 †
- Collection des Guides-Joanne, Etats du Danube et des Balkans, VIII. 410 †
- Northern—
- Ice-sheet—Stromrichtungen des Inlandeises: J. Martin, XX. 121 †; Westgrenze des letzten . . . Inlandeises: M. Hildebrandt, XIV. 452 †
- Influence of . . . Atlantic on winter climate, XI. 611
- Landhöjningen vid Rusterna af Östersjön och Kattegat: A. Bonsdorff, XIX. 650 †
- Land of the long night: P. Du Chaillu, XVII. 445 †
- Römische Handel mit Nordeuropa: P. Höfer, XX. 121 †
- Tertiary basalt-plateau of N.W. Europe: Sir A. Geikie, VIII. 189 †
- Southern—
- Crust-basins of: Mrs. O. Gordon, XIX. 395 †
- Länderkunde der drei südeuropäischen Halbinseln: T. Fischer, II. 378 †; Wissenschaftliche Litteratur zur Länderkunde Südeuropas: Id., V. 179 †
- Volcans de l'Europe méridionale: M. Matteucci, XV. 294 †
- Western—
- Geografia delle Gallie sotto l'Impero Romano: F. P. Garofalo, XIX. 392 †
- Hull's Submerged platform of W. Europe: J. W. Spencer, XIII. 555 †
- Ora Maritima. Estudo . . . ás costas occidentaes da Europa: F. M. Sarmiento, IX. 236 †
- Rainfall: A. Angot, X. 634
- Sailing directions for W. Coasts of France, Spain, and Portugal, XVI. 364 †
- Submergence of, J. Prestwich on, II. 262
- Sub-oceanic features off Coast of W. Europe: E. Hull, XIII. 285*; Terraces and river valleys: Id., XIV. 333 †
- Maps and Cartography—
- Carte géologique internationale de l'Europe, † VI. 590; IX. 350; XIII. 222; XIX. 411
- Cartes d'Europe en 1900: Gén. Derécagaix, XVIII. 631 †
- Europa a base física: G. Cora, IX. 118 †
- Generalkarte der Südost-Europäischen Halbinsel: H. Kiepert, IX. 584 †
- General map: H. Barrère, XIX. 411 †
- Historical Atlas of Modern Europe,

EVOLUTION

Europe—continued.

- etc.: R. L. Poole, † VIII. 655; IX. 118, 246, 350, 470, 586, 692; XI. 108, 326, 578, 690; XIII. 222; XIX. 411
- Kartenwerke der europäischen Staten: V. Haardt, XIV. 330 †
- Liebenow-Ravenstein's Special-Rad-fahrerkarte von Mittel-Europa, XX. 473 †
- Luftdruck- und Temperatur-Verteilung über Europa, etc.: H. Hergesell, XVI. 135 †
- Nordisches Kartenwesen: W. Stavenhagen, XX. 240 †
- Orographical Map: H. J. Mackinder, XVI. 593 †
- Tourist's Atlas Guide: J. G. Bartholomew, II. 284 †
- Europeans in tropical lands, acclimatization of, VIII. 644; L. W. Sambon, XII. 589*; XVII. 565 †; Health of, on Kilimanjaro, IV. 459
- Euting, Prof. J., biography: A. Miessler, VII. 569 †; on formation of dunes, IX. 297
- Euxine: see Black Sea
- Evans, E.: The garden of Queensland, XV. 671 †
- , F. J., and A. Smith: Deviations of compass, XIX. 110 †
- , Sir J.: Origin, etc., of our scientific Societies, XVII. 328 †; remarks at Royal Society's Antarctic meeting, XI. 422
- , J. W.: Metalliferous mining in India, XVII. 550 †
- , W. H.: Agriculture in Alaska, XII. 99 †
- Evans' Lake, Canada, X. 7
- Evaporation and drainage on large land surfaces, IX. 563; of soil, VII. 242; Results in N. S. Wales and S. Africa: G. Alston, XI. 206 †; Underground: E. S. Balch, XIX. 780 †; Verdunstung des Meerwassers und des Süßwassers: E. Mazelle, XV. 444 †
- Everard, A. M.: Une visite aux ruines de Pollanarouwa, XIX. 396 †
- Everest, Mt., XIII. 424: Environs and native names of: L. A. Waddell, XII. 564*; Everest or Jomokangkar: D. W. Freshfield, XIX. 653 †; Name des höchsten Berges der Erde: E. Schlagintweit, XVII. 549 †; Do., D. W. Freshfield and E. Schlagintweit, XX. 123 †
- Everglades, Across the: H. L. Willoughby, XIV. 120 †, 212 §
- Everill, H. C.: Malay Archipelago, IV. 376 †
- Eversley, T.: Trinidad Reviewer, XVI. 702 †
- Evolution, cooling of earth as cause of; R. Quinton on, IX. 563
- , Lesson of: F. W. Hutton, XX. 363 †

EVRARD

- Evrard: Ceylon, XVII. 86 †
 Ewart, J. H.: Photographs of Hausa country, II. 384
 Ewing, W. A.: Journey in Hauran, VII. 213 †
 Excursions—Class excursions in Wales and England: J. B. Reynolds, XIX. 241 †; *see* Education, Geographical
 Exeter: Geology of country round: W. A. E. Ussher, XX. 553 †; Road map: H. R. H. Inglis, IV. 382 †
 Exhibitions—
 Around-the-World American Exposition: Hon. O. P. Austin, XVII. 566
 Geographical, at Bremen, V. 591
 Ex-Meridians, Ancient and modern: H. B. Goodwin, IX. 344 †
 Exploration (*see also* Discovery)—
 Equipment of exploring expedition: M. W. Brown, XIII. 220 †
 Fields for future explorers: Sir H. M. Stanley, XVIII. 115 †
 Hints on explorational mapping, I. 472 †
 Lands of promise to the explorer and progress of discovery: A. Heilprin, VI. 103 †
 Qualifications and training of an explorer, II. 502
 Reports of explorations: A. R. Hasse, XIV. 690 †
 Reveu sommaire des principales explorations de l'année 1900: A. de Claparède, 456 †
 Expressiveness of speech: A. R. Wallace, VII. 119 †
 Eyassi, lake, E. Africa, IV. 247
 Eyjafjarthará, Iceland, III. 273
 Eyk, ruins of, Somaliland, XI. 42
 Eyre, E. J.: discoveries in Australia, IX. 600; obituary, XIX. 99
 Eyre, lake, Australia: Natives of, II. 319; J. W. Gregory's expedition to, XIX. 377, 509, 607
 Eyrigenz, Mysia, IX. 271
 Eyriksjökull, Iceland, III. 267
 Eysseric, J.: Exploration du Bandama, XII. 210 †; Exploration et captivité chez les Gouros, XVI. 251 †; Journey in interior of Ivory Coast, X. 442; Mission scientifique à la Côte d'Ivoire, XV. 194 †; Voyage d'exploration à la Côte d'Ivoire, XIII. 92 †
 Eyth, M. von: Sprengung des Eisernen Thors, XIX. 103 †
 Eyuk and Boghaz, Visit to Hittite cities of: G. E. White, XIX. 770 †

F

- Fabert, L.: Voyage dans le pays des Tarzas... Sahara occidental, I. 183 †
 Fabre, L. A.: L'Adour et le plateau landais, XX. 666 †; La Magnétite

FAHRAJ

- pyrénéenne dans les sables gascons, XX. 666 †; L'érosion pyrénéenne et les alluvions de la Garonne, XIX. 766 †; Les ensabllements du littoral gascon, etc., XVI. 484 †
 Fabrega, P. de: Géographie du Costa Rica, II. 475 †
 Fabricius, A.: Korstoge fra Norden til den spanske Halvö, XVI. 484 †; Normannertogene til den spanske Halvö, XI. 88 †; on Geographical names in Iberian Pen., II. 364; Première invasion des Normands dans L'Espagne, II. 185 †
 —, E.: Archæologische Untersuchungen in Kleinasien, V. 180 †; Den Norske Lods, V. 505 †
 Faces and places: L. Robinson, X. 460 †
 Fadhli and Yafei countries, Exploration in: Mrs. T. Bent, XII. 41 *
 Fæmundsjöen, Geologiske iakttagelser: H. Reusch, XI. 192 †
 Faeroe Channel: deep-sea observations, V. 581 *; IX. 564; XII. 569; temperature, II. 375
 Physical conditions of water of, W. U. Moore, IX. 583 †
 Plankton of: G. H. Fowler, IX. 685 †
 Faeroes, The—
 Die Færöer-Gruppe: D. Broecker, VII. 107 †
 Die Fär-Oer: A. Lorenzon, XIII. 555 †
 Die Færöer: G. Schoener, XVIII. 546 †
 Einfluss des östländischen Polarstromes auf das Klima: M. Knudsen, XVII. 84 †
 Eléments météorologiques des îles Féroë, de l'Islande, et du Greenland, XIV. 586 †
 Færoes, The: K. Grossmann, VII. 1 *
 Færøernes Klima: V. Willaume-Jantzen, XIV. 452 †
 Færøerne 1600-1709: N. Andersen, VII. 327 †
 Færøe Isles: O. L. Jiriczek, I. 81 †
 Færøe Is., The: J. Russell-Jeaffreson, XI. 191 †
 Færoes, The, XII. 426 †
 Foreign Office Rep., XVIII. 320 †
 Glaciated valleys in: J. Lomas, XIV. 452 †
 Mission en Islande et aux îles Féroë: R. Pilet, XI. 192 †
 Photographs: K. Grossman and O. Cahnheim, IX. 120
 Fagalde, A.: El Puerto de Talcahuano, VII. 115 †; Magallanes el país del porvenir, XVIII. 553 †
 Fagan, P. J.: Gazetteer of Hissar District, II. 185 †
 Faguibini Lake, Upper Niger, VII. 99
 Fahalfahra, ancient town, VII. 672
 Fa-hian's journey to Pamirs, VIII. 240
 Fahraj, Makran, VII. 670, 672; VIII. 409, 525; XIX. 160

FAIRBAIRN

- Fairbairn, A. M.: Race and religion in India, XIV. 579†
- Fairbanks, H. W.: Geology of Southern Coast ranges, XIII. 216†; Geology of San Francisco, IX. 464†; Physical geography upon Pacific coast, XVII. 452†
- Fairchild, D. G.: Sumatra's W. coast, XIII. 454†
- , H. L.: Glacial lakes . . . in Centr. N. York, XIV. 120†; Kettles in glacial lake deltas, XIII. 97†
- Fairley, T.: Water supplies of Yorkshire, XIII. 212†
- Fairweather, Mt., Alaska, XII. 559
- Fai-tsi-lung, Bay of; Formation of rocks, II. 101
- Faivre, M., and M. Potter; Explorations in Sobot basin, XVI. 476
- Faiz Baksh, journey to Pamirs, VIII. 252
- Fa Ku Mem, Manchuria, II. 450
- Falcon I., Pacific, VIII. 56; XIV. 85; re-emergence of, XVII. 79
- Falconer, J. D.: Evolution of the Antilles, XX. 470†
- Falk, A.: Persien, folk och stat, XV. 664†
- Falkland Is.—
- Can Hawkins's "Maiden Land" be identified as the Falkland Is.? B. M. Chambers, XVII. 414
- Falkland Is.: R. M. Routledge, VIII. 192†
- Mammals, V. 471
- Marine fauna: E. M. Pratt, XIII. 324†
- Reports (Colonial), †XIII. 95; XIV. 684; XVII. 94; XX. 561
- Falle, P. J.: Wrecks and casualties in Indian waters, XIII. 558†; XV. 663†
- Fallex: Le département de la Seine-inférieure, V. 604†
- Fallot, E.: Avenir colonial de la France, XX. 365†; Carte géologique . . . les régions naturelles de la Gironde, IX. 335†; Situation économique de la Tunisie, XVI. 370†
- Falterona, Nuovo laghetto presso la: A. Mori, XIII. 452†
- Famatina; Primera ascension al Nevado Colorado de: R. Hauthal, VII. 445†
- Famechon, M.: Guinée française, XVII. 91†
- Famines, Indian: Sir H. S. Cunningham, IX. 575†; Prevention of: Sir C. A. Elliott, IX. 574†
- Fanchiotti, G.: Italiani in Inghilterra, XV. 447†
- Fanoeh, Persia, pass below, X. 585
- Fans: *see* M'fangs
- Fanti-land, Social life in: R. M. Connolly, IX. 240†
- Far East: *see* East, and Asia, East
- Farafra Oasis, topography and geology: H. Beadnell on, XVIII. 328†, 442; Journey to Siwa from: W. Jennings-Bramley, XIX. 73*

FAUVEL

- Farama, W. Africa; altitude, etc., of, X. 394
- Faria, A. de, I. 140
- Farinha of Zaparo Indians, III. 483
- Farming industries of Bosnia and Hercegovina, XV. 641; Cape Colony, VIII. 310†, 481§
- Farnham, A. W.: Method of teaching geography, XI. 325†
- Farnum, E.: Trip to Manika Land, IX. 577†
- Farquharson, Sir J.: Foreign topographic maps, XVI. 129†; Orthography, etc., for national maps, XII. 384; remarks on "Proposed geographical description of British Is.," VII. 357; on survey by Chilean Boundary Commission, XVI. 344; Twelve years' work of the Ordnance Survey, XV. 565*; XVI. 364†
- Farrell, R. C.: Railway flood-works in Punjab and Sind, XVI. 577†
- Farrer, Sir W.: remarks on "Visit to Sudan," VIII. 355
- Farrington, O. C.: Eruptive rocks of Mexico, X. 650†; Indiana caves, XVIII. 552†; James D. Dana as teacher of geology, VI. 396†; Mts. Popocatepetl and Ixtaccihuatl, X. 651†; XI. 553§
- Farsan Is.—Kohlenstationen und die Farisaninseln: Z. D. Plüddemann, XIX. 768†
- Farthest north: F. Nansen, IX. 344†
- Fashoda, position, XV. 270
- "Blue Book" du Gouvernement anglais: Comte de Couronnel, XIII. 92†
- Fashoda and Bahr-el-Ghazal: J. H. Reed, XIV. 459†
- Question, The: L. Dècle, XIII. 92†
- Route de Fachoda: J. Léotard, XX. 355†
- Fasquelle, E.: Plan de l'Exposition universelle de 1900, XVI. 262†
- Fassig, O. L.: International Meteorological Congress, VII. 220†; IX. 685†; Types of March weather in U.S., XV. 299†
- Fathura, Persia; sulphur springs at, VII. 25
- Faucille, Percement de la, XX. 350†
- Faucilles, Les: A. Fournies, VII. 327
- , D'où vient le nom de? A. Fournier, VIII. 188†
- Fault valleys of Lake District, VII. 611
- Fauna: *see* Distribution
- Faure, A.: Origines de l'Empire français dans l'Indo-Chine, XIII. 454†
- Faustini, A.: Le "Appearances of land" nella zona antartica, XI. 457†, 687†; La "Groenlandia del Sud," XVIII. 554†, 627§
- Fauvel, A. A.: Corée: Le port de Ma-San-Pho, XVI. 697†; Kiaotcheou, XI. 682†; La découverte des îles Seychelles, XVI. 247†; La Province du

FAUVEL

- Chantoung, XII. 95 †; La Province du Tehé-Kiang, XIV. 678 †; L'Archipel des Seychelles; Etude de Cartographie, II. 279 †; Le chemin de fer de Peking à Nicou-tehouang, XVI. 486; Le nouveau port de San-tou-ao, XVI. 247 †; Do., de Novorossisk, VIII. 528 †; Les Chemins de fer chinois, XV. 548 †; Do., en Chine, XIII. 89 †; Oeuvre géogr. de la mission de Zi-ka-wei, XVI. 556 §, 575 †; Phares de la Chine, XIII. 677 †; Télégraphes et postes en Chine, XIII. 557 †; Tehe-nam-po, port Coréen, XIV. 115 †; Vieux terriers, vieux cadastres, XIII. 675 †
- Fauvel, E.: Documents géographiques manuscrits, etc., XII. 642 †
- Fave, L., and Rollet de l'Isle: Détermination du point à la mer, III. 351 †
- Favene, E.: Development of Australian natives, II. 316 †; Habitability of Australian desert, II. 553
- Favier, A.: Congrès national des Sociétés françaises de Géographie, XI. 208 †; Péking, histoire et description, XIII. 453 †
- Favre, C.: Carte du théâtre de la guerre sud-africaine, XIX. 536 †
- Fawa, W. Africa, VIII. 214
- Fawcett, F.: Madras Government Museum; Nayars of Malabar, XIX. 396 †; Moplas of Malabar, X. 648 †
- , P. H.: Journey to Morocco City, XIX. 189 †; Photographs of Morocco, XIX. 540 †
- Faxebugt, Iceland, XIX. 613
- Fay, C. E.: Casualty on Mt. Lefroy, IX. 106 †
- Faye, H.: Projet d'expédition en ballon aux régions polaires, VI. 585 †; Observatoire de l'Etna, IX. 677 †; Serpent d'eau du Rhone à Genève, II. 476 †
- Fayum—
- Description arabe du Fayoum: Ahmed Zéki Bey, XV. 550 †
- Fayum depression: H. J. L. Beadnell, XIX. 399 †
- Fayum and Lake Moeris: Major R. H. Brown, I. 55 §, 84 †
- Fayum towns and their papyri: B. P. Grenfell, A. S. Hunt, and D. G. Hogarth, XVIII. 301 §
- Photographs: H. W. Seton-Karr, XVIII. 120
- Fea, L.: Isole del Capo Verde, † XII. 433; XIII. 560; XIV. 117
- Federation, Imperial, Progress of: E. Salmon, XVII. 457 †; Scheme for: G. C. Cunningham, VII. 223 †
- Fedoroff, G. G., and O. W. Köndratowitsch: Ob-Expedition . . . 1895, XIII. 214 †
- , V.: Abyssinia as factor . . . in the future of the Red Sea, XIII. 91 †; Abyssinia; trs. W. E. Gowan, VIII. 310 †; Obok, etc., X. 340 †

FERGUSON

- Fedchenko, D.: expedition to Pamirs, XVIII. 212, 617
- Fees, I.: Schulwandkarte von Afrika, I. 287 †
- Feigl, H.: Altägyptische Baukunst, XII. 630 †; Aufstand der Boxer, XVI. 575 †; Eisenbahnfrage in China, X. 648 †; Goldland Ophir, IX. 345 †
- Feilden, H. W.: Contributions to glacial geology: T. G. Bonney, XVI. 495 †; Flowering plants of Novaya Zemlya, XIII. 319 †; Glacial geology of Arctic Europe, IX. 102 †; Kolguev I., VII. 439 †; on Polar exploration, IV. 365; remarks on "N. Polar Problem," IX. 520; Visits to Barents and Kara Seas, etc., XI. 333 *
- Feilding, Hon. W.: remarks on "Johore," III. 299
- Feilung Kias, Mekong river, VIII. 573
- Feist, Lieut.: Carte de la Côte occidentale d'Afrique, XVII. 459 †
- Felber, T.: Allmenden des alten Landes Schwyz, XIX. 523 †
- Felej, Fort, Persian Gulf, X. 613
- Felgenträger, W.: Die Isoklinen-Karte von Whiston und die säkulare Aenderung der magnetischen Inklination, etc., V. 178 †; VI. 187 §
- Felix, J.: Geografia medicală a României, XI. 681 †
- , and H. Lenk: Alturas . . . de la Republica Mexicana, X. 650 †
- Felkin, R. W.: Distribution of tropical diseases in Africa, V. 605 †; remarks on "Acclimatization . . . in tropical lands," XII. 604; Wanyoro tribe of C. Africa, III. 348 †
- Fellah, Causerie ethnographique sur le: Piot Bey, XV. 438 †
- Fels, G.: Highlands of Bavaria, etc. (Bruchmann's Guide), VI. 292 †
- Felus: see Khor Felus
- Feng-hwang-cheng, Manchuria, IV. 536
- Fenix river, Patagonia, XIV. 355
- Fennell, C. W.: Physical features in Iceland, XIV. 675 †
- Fenneman, N. M.: Profile of equilibrium of subaqueous shore terrace, XX. 130 †
- Fens, villages of, IX. 86
- Fens of Lincolnshire, History of: W. H. Wheeler, IX. 556 §, 574 †
- Fenton, J. J.: Victorian year-book, 1895-8, XX. 249 †
- Fenwick, T.: Expedition in Br. Honduras, XX. 342
- Féral, G.: Observations météorologiques sur les pluies générales et les tempêtes, VIII. 424 †
- Ferguson, D.: Letters from Portuguese captives in Canton, etc., XIX. 768 †; Palk's Bay and Strait, XI. 683 †; Settlement of Danes at Tranquebar and Serampore, XII. 540 †
- , D. W.: Captain R. Knox (biography), X. 655 †

FERGUSON

- Ferguson, G. E.; Gill memorial presented to, III. 420; IV. 80; Mission to Atabubu, IV. 189 †
- , J.: Ceylon Handbook and Directory, III. 159 †; XIX. 105 †; Ceylon in 1899, XV. 190 †; Old and New Colombo, XV. 190 †; Rise of planting enterprise and trade in Ceylon tea, XVII. 320 †
- , and J. Davis-Allen: Indo-Ceylon Railway, XII. 324 †
- , T.: Map of . . . Suchau, XX. 677 †; Waterways near Shanghai, XVIII. 245 †
- Ferguson Lake, N. Canada, VI. 445
- Fergusson, J.: A History of Architecture in all Countries, etc., IV. 471 †
- , M.: Account of Lake Busumchwi, Ashanti, XIX. 370 †; Geological notes from Tanganyika northwards, XIX. 232 †; Photographs of Ashanti, XIX. 538; Surveys on Tanganyika, XV. 389; Tanganyika and countries north of it, Appendix, XVII. 37, 676 †
- Fergusson I., Sir W. MacGregor's journey across, VII. 432
- Ferkla, oasis, Morocco, V. 328
- Fermier, P.: Observations géologiques sur la chaîne de Belledonne, XIX. 649 †
- Fermond, J.: La Charente préhistorique, V. 504 †; Quelques annales de la ville de La Rochefoucauld, XI. 447 †
- Fernando Po, XVIII. 551 †; fauna, VII. 283; Spanish exploration in, IX. 222
- Exploraciones en Fernando Póo: D. E. Bonelli, VIII. 532 †
- Fernando Po, Guinea española, XII. 99 †
- Fernando Póo, XX. 355 †
- y la Guinea española: E. L. Vilehes, XX. 467 †
- Fernan-Vaz (Congo-français), Le lac: A. Foret, XIII. 562 †
- Fernow, B. E.: Battle of the Forest, IV. 381 †; Forests and Deserts of Arizona, XI. 97 †; Wälder und Wüsten von Arizona, XII. 435 †
- Ferrand, G.: Région comprise entre les rivières Mananjara et Tavibola, VIII. 418 †
- , H.: Histoire du Mont Iseran, III. 69 †; Massif du Rutor, III. 248 †
- Ferrars, M. and B.: Burma, XVI. 365 †
- Ferreira, J. de S.: America Abreviada, suas noticias . . . do Maranhão, VIII. 192 †
- Ferreiro, D. M.; obituary, IX. 99
- Ferrello: see Cabrillo
- Ferrero, A.: Association géodésique internationale; Rapport sur les triangulations, III. 70 †; XIV. 686 †
- Ferrier, W. F.: Catalogue of collection of Canadian rocks, III. 73 †
- Ferrière, A.: Le port franc de Copenhague, XIV. 576 †
- Fertineau, R. P.: Madagascar-Nord, En exploration, XVII. 676 †

FIGUEROA

- Fesca, M.: Kaffeekultur, XI. 459 †
- Fest, A.: Vie di comunicazione dell' Ungheria coll' Adriatico, VII. 561 †
- Fetishism, a Government: R. H. Nassau, XIX. 400 †; Fetichisme: S. Perregaux, XIV. 235 †
- Fewkes, J. W.: Comparison of Sia and Tusayan snake ceremonials, VII. 118 †; Expedition to cliff villages of Red Rock Country, XI. 97 †; Do. to Pueblo Ruins near Winslow, XIII. 681 †; Prehistoric Porto Rico, XX. 561 †
- Fez, caravan road from, to Tafilet, V. 334
- Eine Reise nach Fez: Graf von Pfeil, XII. 98 †
- Medical Report on Mission . . . to: W. G. Macpherson, X. 552
- Timber supply of, IX. 643
- Fianarantsoa to Masindrano, From: J. Pearce, XI. 569 †
- Fibres, Vegetable: Papers from Kew Bulletin, XIII. 329 †
- Fichot, E.: Les côtes de Madagascar, XX. 356 †
- Fichtelgebirge in seiner Bedeutung für den mittel-europäischen Verkehr: F. Nüchter, XIV. 453 †; Basalts of Fichtelgebirge: E. Lord, IV. 375 †
- Fick, P. R.: Grammatik der Sanskrit Sprache, XX. 123 †
- Fief, J. du: Bruges et le nouveau canal maritime, XIII. 317 †; Carte de l'Etat indépendant du Congo, VI. 493 †; XII. 443 †; Catastrophe aux petites Antilles, XX. 561 †; Christophe Colomb et la découverte de l'Amérique, I. 283 †; Découvertes maritimes des Portugais au XV^e siècle, XII. 330 †; Expéditions belges au Katanga, II. 186 †; Ile de Cuba, X. 457 †; Iles Hawai, III. 349 †; Zone polaire australe, etc., VII. 682 †
- Field, H. M.: Barbary Coast, III. 252 †
- Field Columbian Museum, Annual report, IX. 688 †; Flora of W. Virginia: C. F. Millsbaugh and L. W. Nuttall, VIII. 313 †; Guide and historical account, V. 404 †
- Field of Geography, The: Sir C. R. Markham, XI. 1*
- testing for gold and silver: W. H. Merritt, XVI. 495 †
- Fielde, A. M.: Corner of Cathay; studies among Chinese, IV. 576 †
- Fielding, H.: How famine came to Burma, IX. 680 †
- Fielding-Ould, R.: Malaria and its prevention, XVIII. 115 †
- Fies, K.: Bilder aus Ho in Deutsch-Togo, XVII. 677 †
- Figueroa, J. B.: Puertos en la Provincia de Buenos Aires, XIII. 197 §, 324 †; XV. 442 †; tides and sandbanks in La Plata estuary, XIX. 93; Viá interoceánica del Perú, XIII. 325 †
- , P. P.: Diccionario Biográfico de Estranjeros en Chile, XIX. 240 †;

FIJI IS.

- Nuestras Fronteras del Norte, XIX. 109 †
Fiji Is.—
 Annual Reports, † XIII. 458; XV. 197; XVII. 325; XX. 672
 Bidrag till Kannedomen om Fidji boarnes . . . E. Stenberg, VII. 682 †
 Fiji for tourists: B. Thomson, IX. 109 †
 — past and present: W. C. Thomson, XV. 670 †
 Islands and coral reefs of: A. Agassiz, XI. 456 †; XII. 525, 544
 — and people of: M. I. Finucane, † XVII. 213; XVIII. 337, 458
 Land of Viti: J. P. Thomson, III. 349 †; V. 91 †
 Marine surveys, IX. 657
 Meteorological observations: J. D. Vaughan, † VIII. 421; X. 652; XII. 438; XVII. 453; XIX. 530
 Selaverei auf den Fiji Inseln, VI. 98 †
 Soundings in vicinity, XV. 425
 Tertiary limestone reefs of: A. Agassiz on, XIII. 199
 Weather conditions . . . between Fiji and Hawaii: M. W. C. Hepworth, XVII. 96 †
 Filarszky, F.: Das Pieninen-Gebirge und seine Flora, XII. 554 †
 Filey Bay and Brigg: C. Fox-Strangeways, XII. 626 †
 Filhol, H.: Conseils aux voyageurs naturalistes, VII. 320, 340 †
 Filippi, F. de: Ascent of Mt. St. Elias by the Duke of Abruzzi, † XVI. 252; XI. 455; XII. 326; La spedizione di . . . Duca degli Abruzzi, XV. 195 †, 536 §
 Filon: Le Cap Antifer et la carte d'état-major, IX. 676 †; XI. 680 †; L'ingénieur Lamblardie, XI. 208 †
 Financial Statistics, Russian Journal of, XV. 661 †
 Fincastle, Viscount, and P. C. Elliott-Lockhart: A frontier campaign, XI. 450 †
 Findhorn, Sand-wave observations at, XVIII. 177
 Findlay, A. G.: Directory of . . . Indian Ocean, XIII. 331 †; Do., N. Atlantic Ocean, V. 188 †
Finland—
 Cartography, II. 64; geographical work, VIII. 513; geography, VII. 199;
 o population, IX. 658; X. 198
 Askväden i Finland 1894: A. F. Sundell, XVII. 546 †
 Astronomo-geodeettiset työt suomessa vuosina 1865–1875: A. Järnefelt, XX. 351 †
 Atlas de Finlande, XIV. 692 †; Texte, XV. 145 §, 189 †
 Åtsärinselkä och Väilvesi sjöar: R. Hammarström, XIV. 331 †
 Bidrag . . . Finlands kvartära nivå-förändringar: H. Berghill, VIII. 648 †; IX. 574 †

FINLAND

Finland—continued.

- Bodentemperatur in Mustiala: T. Homén X. 548 †
 Bottenvikens finska delten: J. E. Rosberg, VIII. 413 †
 Djupkarta öfver Lojo sjö: R. Boldt, VIII. 412 †; A. E. Streng, XIV. 332 †
 Downfall of, XIV. 331 †
 Dynbildningar i Ostra Finland: A. Theleff, VIII. 413 †
 Dynerna på Taivonsaari: J. E. Rosberg, XIV. 332 †
 Exposition universelle de 1900 . . . Finlande, XVIII. 547 †
 Finland and the Tsar: R. N. Bain, XIV. 112 †; E. Westermark, XIV. 112 †
 — as it is: H. de Windt, XIX. 228 †
 — English journal . . . : C. H. Perrott, XIV. 455 †
 — i utländsk historisk literatur: R. Lagerberg, XVI. 363 †
 — in the nineteenth century: Finnish authors, V. 505 †
 Finlands kommuners namn i Svensk skrift: R. Saxén, XV. 547 †
 — landryggar: R. Hult, XIV. 331 †
 Finns—Les Finnois: M. Zaborowski, XVIII. 241 †
 Finska språkets utbredning i Vörmland, etc.: K. B. Wiklund, XX. 240 †
 Fortnight in: J. D. Rees, III. 157 †
 Frågan om det senglaciala . . . Finland. W. Ramsay, IX. 678 †
 Fysillis - maantieteellisiä tutkimuksia Kalvolan pitäjässä: V. Borg, XIV. 331 †
 Geographische Charakterbilder aus Finland: J. E. Rosberg, XVIII. 633 †
 Glacial formations in E.: J. E. Rosberg, I. 545
 Granbestanden i Finland: A. E. Häyrén, XIV. 331 †
 Hafstrandens forskjutning, etc.: A. Wahlroos, IX. 678 †
 Helsingfors, Détermination relative de la pesanteur à: O. Savander, XV. 547 †
 Hufvudtyper inom de sydfinska landskapsformerna, etc.: B. Frosterus, XIX. 651 †
 Jakttagelser öfver Lappajärvi sjö: R. Hammarström, VIII. 413 †
 Katalog öfver trigonometrisk och astronomiska punkter, XIX. 766 †; XX. 466 †
 Kulturentwicklung Finnlands: N. V. Köppen, VII. 109 †
 Land und Leute in Finland: L. von M. Dierkes, XII. 93 †
 Lufttemperatur prevalenter i Helsingfors: S. Levänen, VIII. 413 †

FINLAND

Finland—continued.

- Magnetiska undersökningar af Jussarö : A. F. Tigerstedt, XV. 547 †
 Map—Verteilung der Wohnsitze in Satakunta : K. E. Hirn, VIII. 413 †
 Några dynbildningar på Bottniska vikens ostkust : J. E. Rosberg, VIII. 413 †
 ———— ord om södra Finlands . . . geologi : J. J. Sederholm, IX. 678 †
 Nattfrosterna i Finland : A. O. Kihlman, IX. 678 †
 Navigationen samt lots och båkväsendet : R. Hausen, XV. 547 †
 Nyländska dalar : R. Hult, XIV. 331 †
 Observations météorologiques, XII. 322 †
 Om Bötomborgen : R. Hammarstrom, XIV. 331 †
 Om flott-tegar i Finland : G. Andersson, XII. 538 †
 Om Södra Finlands primitiva formationer : F. J. Wük, IX. 678 †
 Ortbeskrifningen in Finland på 16 och 1700-talen : R. Boldt, XVI. 245 †
 Paläontologisk-värtgeografiska studier i norra Satakunta : R. Herlin, VIII. 413 †
 Pflanzen-phänologische Beobachtungen in : A. O. Kihlman, XVI. 363 †
 Pflanzenregionen des finnlandschen Lappmarken : R. Hult, XIV. 331 †
 Photographs : K. E. Stråhlberg, VI. 592
 Population en Finlande : E. R. Neovius, XIX. 766 †
 Pour la Finlande : W. van der Vlught, XVII. 546 †
 Primitiva formationernas geologi . . . Finlands : F. J. Wük, XVI. 363 †
 Rakennustyyppiä Reski-Suomen pohjoisosasta : O. A. Joutsen, XVI. 245 †
 Report of Committee for revision of maps, I. 467 †
 Russie et la Finlande : J. Leclercq, XIX. 229 †
 Russia in Finland : J. E. Reuter, XIV. 112 †
 Sääksmäki Socken : J. E. Rosberg, XVI. 120 †
 Självmorden i Finland, 1861–1895 : F. W. Westerlund, XVI. 363 †
 Skogarnas inflytande på Finlands Klimat : T. Homén, XIX. 651 †
 Snowfall in 1891 : A. F. Sundell, I. 545 §, 563 †
 Strandbildningar och marina gränsen i södra Osterbotten, etc. : R. Hammarström, XIX. 651 †
 Studier öfver Finlands torfmossar : G. Andersson, XV. 547 †
 Tavastmons erosionsrasser och strandlinjer : R. Herlin, IX. 678 †
 Thierphänologische Beobachtungen in : K. E. Stenroos, XVI. 363 †
 Trapa-förande torfmosse på Åland : P. H. Olsson, XVI. 245 †

FIRABUZ

Finland—continued.

- Travaux géographiques exécutées en Finlande, VI. 580 †
 Vedvärternas utbredning i Finland : R. Hult, VIII. 413 †
 Vekajoki's och Summajoki's mynningar : J. E. Rosberg, VIII. 413 †
 Vindriktningar vid Hangö fyr : H. Levander, VIII. 413 †
 Yoldia-meeres in, Ausbreitung des : V. Hackman, XV. 547 †
 Ytbildningar i Karelen, etc. : J. E. Rosberg, XV. 547 †
 Zigmarnes utbredning i Finland : A. Thesleff, XIV. 332 †
 Finlay, J. B. : Ireland and the Irish, etc., IV. 576 †
 Finlay river ; R. McConnell's survey, III. 208 ; Exploration of Finlay and Omecica rivers : R. McConnell, VIII. 311 †, 400 §
 Finley, J. P. : Climatic features of the Dakotas, III. 73 †, 253 †
 Finmark—
 Finmarkens beskrivelse af Erkebiskop Erik Walkendorf : K. Karlén og G. Storm, XX. 240 † ; Folk og natur i Finmarken : H. Reusch, VII. 328 † ; Rambles in Norsk Finmarken : G. Lindesay, V. 86 †
 Finn, A. : Apuntes de un viaje en Persia XIX. 231 †
 Finsch, O. : Aus Neu-Guinea, VIII. 421 † ; Avifauna Neu-Seelands, VII. 446 † ; Hautverzierungen der Gilbert-Insulaner IV. 87 †
 ———— and G. Kunze : Krakar und G'bagebag . . . Neu-Guinea-Kompanie, VIII. 428
 Finsterwalder, S. : Der Vernagtferner, XI. 307 † ; XII. 76 § ; Gletscherforschung in den Ostalpen, XVII. 542 † ; Innere Struktur der Mittelmoränen, XVIII. 114 † ; Konstruktion von Höhenkarten aus Ballonaufnahmen, XVII. 97 †
 ———— et E. Muret : Variations des glaciers, XIX. 407 †
 Finucane, M. I. : Islands and people of Fiji, XVII. 213 † ; XVIII. 337 †, 458 †
 Fiords : see Fjords
 Fiorini, M. : Erd- und Himmelsgloben bearbeitet von Dr. Günther, VI. 587 † ; Il Mappamondo di Leonardo da Vinci, etc., IV. 475 † ; Le sfere cosmografiche, IV. 580 † ; Proiezioni cartografiche cicloidali, XVI. 129 † ; Speciali proiezioni meridiane, etc., VII. 119 † ; Trasformazione della proiezioni cartografiche, etc., VI. 100 †
 ———— e la geografia matematica ; C. Bertacchi, XVIII. 343 †
 Fiote—French, Portuguese, and Fiote, VI. 398 †
 Fipa Plateau, Mgr. Lechaptols' journeys in, XIV. 666
 Firabuz, Makran, VII. 397

FIRCKS

- Fireks, A. von: Aegypten, 1894, VII. 113 †; IX. 106 †
- Firth: Agriculture . . . in Kagoshima Prefecture, Japan, XVII. 447 †
- , J. B.: Albany Settlement, XIX. 106 †
- Fiscarrald, C. F.: explorations on Madre de Dios, VII. 189
- Fisch, Lake, Tatra mts., II. 257
- Fischer, E. S.: Silk and tea districts of Kiang-Nan and Chekiang, XVII. 208 †
- , G. A.: Am Ostufer des Victoria-Njansa, V. 606 †; Karte . . . von deutsch und britisch-Ost-Afrika, V. 287 †, 384 §
- , H.: Geographical teaching, IX. 649; Geographicunterricht an der preussischen höheren Schulen, XIX. 227 †; Do., in Preussen, XI. 575 †; Methodik des erdkundlichen Schulunterrichts, XX. 251 †
- , J.: Discovery of Waldseemüller's lost map, XIX. 203; Entdeckungen der Normannen in Amerika, XIX. 658 †, 746 §
- , K. T.: Ein neues Barometer, XVI. 493 †
- , M.: Formose, XVII. 89 †
- , O. von: explorations in Patagonia, XIV. 568
- , T.: Anfiteatro morenico del Lago di Garda, XI. 295 §, 565 †; XIII. 211 †; Biography: F. Unlauff, II. 282 †; De Hammonis Carthageniensis Periplo, I. 572 †; Development of the Peninsula of the Apennines, X. 633; Distribution of population in Sicily, II. 457; Eine siedlungskundliche Studie über Apulien, XX. 465 †; Entwicklungsgeschichte der Apenninen-Halbinsel, XI. 88 †; expeditions to Morocco, XIII. 660; XIV. 209; XVII. 192, 530; XVIII. 91; Geography . . . of Iberian Pen., I. 347*; Grundlagen eines Landeskunde von Italien, X. 338 †; Länderkunde der drei südeuropäischen Halbinseln, II. 378 †; Litteratur zur Länderkunde Südeuropas, V. 179 †; Orographie der Iberischen Halbinsel, V. 179 †; Palästina, IX. 238 †; Reiseskizzen aus Spanien und Portugal, I. 564 †; Reisen im Marokkanischen Atlas, XIV. 228 †; Reise im Atlas-Vorlande von Marokko, XVII. 221 †; Do., Wissenschaftliche - Ergebnisse, XVII. 450 †; Zur Hydrographie von Calabrien, VIII. 412 †; Zur Klimatologie von Marokko, XVIII. 91 §, 110 †
- Fischer-Treuenfeld, R. von: Haitianischer Regierungsbeamten, XII. 215 †
- Fish in frozen rivers and lakes, letter from G. Henderson on, XV. 430
- and Fisheries, U.S. Commission of, Dredging and other Records: C. H. Townsend, XX. 250 †; *see following*
- Fish-fauna of Kaiser-Wilhelm Canal; Hinkelmann on, XIII. 654

FITZNER

- Fish river, Canada, XIII. 276
- river Bush, S. Africa: W. T. Black, XIX. 655 †
- Fisher, H.: Flora of Franz Josef Archipelago, VIII. 560, 563; XI. 135
- , Rev. Osmond: C. Davison, XV. 446 †
- Fisheries — Congrès international de pêches maritimes, etc.: G. Lavieville et J. Péard, XIV. 587 †; Do., Travaux . . . des séances, XVII. 566 †; *see Fish*
- Fisherman's Nautical Almanac and tide tables: O. T. Olsen, V. 186 †; IX. 346 †
- Fishery Board for Scotland, investigations of, V. 581
- Legislation, International: O. Pettersson, XIII. 569 †
- and marine investigations in Norway, XVIII. 84
- Fishes of N. and Middle America: D. S. Jordan and B. W. Evermann, X. 121 †
- , Food, Distribution of: H. N. Dickson, V. 184 †
- Fishguard, Invasion of the French in 1797: D. Rowlands, III. 436
- Fishing Bank near Azores, Discovery of: Prince Albert of Monaco, IX. 93
- Fleets—Fischerflotten der Welt, XVII. 683 †
- grounds, Norwegian, Hjort on, XI. 172; Fischerei-bänke des Nördlichen Stillen Ozeans: G. Schott, XI. 103 †
- Fish-skin Tartars: E. H. Fraser, V. 181 †
- Fiske, A. K.: West Indies, History, etc., XIV. 121 †
- Fiskivötn, lakes, Iceland, XIII. 261, 483
- Fitch, C. H.: Triangulation and spirit levelling in Indian Territory, XVIII. 642 †
- Fitch, Ralph, England's pioneer to India and Burma: J. H. Ryley, XV. 303 †
- Fitz Gerald, E. A.: Biography, XIII. 99 †; Climbs in New Zealand Alps, VIII. 421 †; Expedition to Aconcagua, VIII. 517; IX. 223; X. 96, 469, 567; XI. 455 †; Exploration on and around Aconcagua, XII. 469*; XIII. 95 †; First crossing of Southern Alps of New Zealand, VII. 483*; Highest Andes, XV. 84 †; In the New Zealand Alps, VI. 584 †; Photographs of do., VII. 576; Three ascents in New Zealand, VIII. 193 †; Work in New Zealand, VII. 116 †
- Fitzgerald, W. W. A.: Remarks on "Physical geography of Br. E. Africa," IV. 518; Report on . . . Zanzibar, I. 459; Travels in coastlands of Br. E. Africa, XI. 453 †; XII. 302 §
- Fitz Gerald pass, New Zealand, VII. 488
- Fitzmaurice, M.: *see* Hay, D.
- Fitzner, R.: Bildung von Abteilungen für Heimatskunde, VIII. 536 †; Deutsches Kolonial-Handbuch, XIX. 534 †; Golf von Monastir, VIII. 308 †;

FITZPATRICK

- Pflanzungen in Deutsch-Ostafrika, XI. 198†; Regenschaft Tunis, VI. 195†
 Fitzpatrick, J. P.: Transvaal from within, XV. 194†
 —, T.: Eskers of Ireland, XIII. 212†
 Fitzpatrick: Photographs of Centr. Uruguay Rly., IV. 96
 Fitzroy, Sir R. O'B.: biography, XIII. 330†; VII. 666
 Fitzroy river, Queensland, I. 241
 Fiume e suoi dintorni: A. Annoni, IX. 676†
 Fivé, Col.: Belgian Mission to W. China under, XVII. 70
 Five Finger rapids, Alaska, XII. 26
 Five Crosses peaks, Bolivia, XIV. 19
 Fjords—Die Fjordbildungen: P. Dinse, IV. 580†; V. 82§; Fjords: G. D. Hubbard, XIX. 532†; Topographisch-geologische Studien in Fjordgebieten: O. Nordenskjöld, XVI. 588†
 Flag and Trade, The: A. W. Flux, XIV. 689†
 Flag maps: H. Morley, VI. 202†
 Flags of Britain and her Colonies, etc., Diagrams: J. Brown, XII. 444†
 Flahault, C.: on botanical mapping, V. 275; Carte botanique . . . de la France, V. 183†; X. 451†; La végétation du Caucase, XV. 437†; Nomenclature phyto-géographique, XX. 130†; rivers and forests in Russia, XIX. 751
 — et Combres: Observations sur . . . l'exhaussement actuel du Delta du Rhone, VI. 96†
 Flamand, G. B. M.: Hadjrat Mekhtoubat ou les pierres écrites, XX. 124†; Mission au Tidikelt, XVI. 224§, 369†; Position . . . d'In-Salah, XIX. 375§, 528†; Présence du terrain carbonifère dans le Tidikelt, XX. 559†; Régime hydrographique du Tidikelt, XX. 559†; Traversée de l'Erg occidental, XIV. 226†
 Flammarion, C.: biography, X. 555†
 Flanders—
 Der Fläming: E. Schöne, XV. 188†
 Ecossais . . . en: C. Piot, XV. 433†
 Flanders: A. Malotet, IV. 84†
 —, French: A. Malotet, III. 528†
 Frisons en Flandre, Les: C. Piot, XV. 516†
 Plain of: Gosselet, I. 563†
 Relations commerciales entre la Flandre et le Portugal: E. Cantineau, XIX. 522†
 Flatey and the Codex Flateyensis, VIII. 295; Flateyjarbók, published by Royal Danish General Staff, VII. 119†
 Flatters—Pourquoi Flatters et ses compagnons sont morts: H. Schirmer, VIII. 418†
 Flatery, Cape, depth off, II. 544
 Fleck, E.: Reise in die Tsauchabschlucht,

FLORIDA

- XV. 665†; Reise durch die Kalahari, I. 376†, 461§
 Fleet, J. F.: Notes on Indian history and geography, †XVII. 87; XVIII. 106, 636; Topographical list of Brihat-Samhita, II. 277†
 Fleming, J. A.: The earth a great magnet, XI. 104†
 —, S.: Canada and ocean highways, VIII. 418†
 Flemish Cap, cable fractures on, X. 261
 Fletcher, A. C.: Study from Omaha tribe, XIV. 340†
 —, A. W.: Economic results of the ship canal on Manchester, XV. 435†
 —, F.: Map of E. and W. Kootenay district, X. 561
 —, H.: Sydney coal field, Nova Scotia, XVI. 252†
 —; expedition to W. Australia, X. 216
 —, L.: Study of meteorites, XIII. 331†, 462†
 —, W. A. L.: Journey towards Lhassa, IX. 680†
 — and Espin: Map of Matabeleland, VIII. 428; IX. 691
 Flett, J. S.: Old Red Sandstone of the Orkneys, XVI. 695†
 Fleury-Ravarin: Ce qu'il faut faire en Indo-Chine, XI. 683†
 Flexner, S., and L. F. Barker: Commission to Philippines . . . to investigate prevalent diseases, XVI. 698†
 Flinders, Capt.: Memorial to, XIX. 759; Do. on the Bluff and Mt. Lofty, S. Australia, XX. 256†; Survey of Great Barrier Reef of Australia, II. 541
 Flink, G.: Mineralogisk resa i Grönland, XII. 438†
 Floating islands: E. Hanusy, III. 537†
 Floatsam and Jetsam from the Great Ocean: Rev. J. B. Stair, VII. 218†
 Floericke, C.: Marokko, XIX. 657†; Wanderungen der Vögel, XX. 108§, 234, 256†
 Floquet, G.: L'unification de l'heure et la division décimale du temps, V. 405†
 — et H. de Sarrauton: L'heure décimale, VII. 447†
 Flora: see Botany and Plants
 Flora, Cape, Franz Josef Land, XI. 116; fossil plants at IX. 490; longitude, VIII. 565
 Florence—
 Administration and Institutions, XII. 427†
 Toscanelli-Vespucci Celebration at, XI. 185
 Florida—
 Across the Everglades: H. L. Wiloughby, XIV. 120†, 212§
 History, etc.: E. R. y Caravia, III. 533†
 Key dwellers' remains: F. H. Cushing, XI. 201†

FLORIDA

Florida—*continued*.

- La Floride: A. Ladureau, XII. 327 †
 Mammals of Florida and . . . Georgia: O. Bangs, XII. 435 †
 Map—Indexed pocket map of: Rand, McNally & Co. XIX. 247 †
 W. Florida, and historical cartography of U.S.: H. E. Chambers, XII. 543 †
 Flotte de Roquevaire, R. de: *see* Roquevaire
 Flottwell, Lieut. von: Aus dem Stromgebiet des Qyzl Yрмаq, VI. 294 †
 ——— und von Prittwitz und Gaffron: Wege-Aufnahmen im Gebiet des untern Qyzl Yрмаq, VI. 297 †
 Flower, A. S.: Renaissance architecture in Malta, XI. 192 †
 ———, Sir W.: obituary, XIV. 217; remarks on "Exploration of frankincense country," VI. 133; on "Expedition through Somaliland," VIII. 235; on "Journey across C. Asia," III. 472; on "Physical geography of Br. E. Africa," IV. 514; on "Renewal of Antaretic exploration," III. 34
 Floyer, E. A.: Argile comme fertilisant dans la Haute-Egypte, V. 606 †; E. desert of Egypt, I. 408 †; Nord-Etbai, I. 470 †; on V. Cornish's paper on sand-dunes, XI. 559
 Fluchthorn and its neighbours: W. A. B. Coolidge, IX. 457 †
 Flügel-Schmidt-Tanger: Dictionary of English and German Languages, VII. 571 †
 Flux, A. W.: Costs of sea transport, etc., X. 344 †; The Flag and trade, XIV. 689 †
 Fly river, natives of, XVI. 414
 Flying Fish Cove, Christmas I., XIII. 26
 Fňjoská, Iceland, III. 275
 Foa, E.: After Big Game in Centr. Africa, XIV. 459 †; A travers l'Afrique centrale; Du Cap au Lac Nyassa, IX. 462 †; X. 177 §; Coupe de l'Afrique équatoriale, XVI. 579 †; De l'Océan indien à l'Océan atlantique, XVI. 124 †; explorations, X. 212, 539; XI. 70, 299; XII. 4, 314, 315; (map), XIV. 126 †; L'invasion européenne en Afrique, XIV. 226 †; Mes grands chasses dans l'Afrique centrale, IX. 463 †; X. 177 §; obituary, XVIII. 223; Travels in Basin of Zambesi, III. 532 †; Traversée de l'Afrique, XII. 209 †; XIV. 126 †; Do. du Zambèze au Congo, XVIII. 402 §; Voyage sur les bords du Zambèze, X. 229 †
 Fobrang, Tibet, IX. 217
 Fodea, W. Africa altitude, etc., of, X. 395
 "Fog Shaffer" in Antaretic, VII. 641
 Fogs and their teaching: J. M. Bacon, XVI. 257 †
 ——— on Newfoundland Banks, G. Schott on, XI. 300
 Föhn: *see* Winds

FORBES

- Foiba de Pisino, Sur la: E. A. Martel, XII. 321 †
 Fo-kwo-ki, account of Fa-hian's travels, VIII. 240
 Fola cataracts, Nile, IX. 370
 Folgheraiter, G.: Variazione secolare dell'inclinazione magnetica, IX. 113 †
 Folie, F.: Mouvement de rotation de l'écorce du globe, XV. 444 †, 556 †
 Follmann, O.: Die Eifel, IV. 184 †
 Fo-luk, New Hebrides, VIII. 599
 Foncin, M. P.: Bordeaux et l'esprit colonial, XVI. 243 †
 Fonek, F.: Examen de la Obra del Señor F. P. Moreno, XX. 671 †; Menendez' travels in S. America, VII. 681 †; Viajes de Fray F. Menendez a Nahuelhuapi, XV. 669 †
 ———, Lieut.: Exploration of Malagarazi river, IX. 561
 Fondi di Baia, Italy, X. 418
 Fondue, C. de: Faune historique du Bas Languedoc, XIV. 222 †
 Fonseca, W. G.: St. Paul Trail in the sixties, XVII. 451 †
 Fonssagrives, J.: Le Dahomey, XVI. 699 †
 Fontainebleau, Relief de la forêt de: O. Barré, XX. 551 †
 Fontana, lake, Patagonia, XIV. 356, 358
 Fonteneau: Géographie historique de Rochefort, V. 85 †
 Fontesvilla, Pungwe river, V. 28; country thence to Chimoio, V. 30
 Foochow: *see* Fuchau
 Food supplies, Our Colonial: A. Clayden, IX. 113 †
 ——— of Manchester: W. E. Bear, XI. 89 †
 ——— of U.K., Belgium, etc.: R. F. Crawford, XV. 433 †
 Foote, R. B.: Geology of Bellary district, X. 120 †
 Forbes, D.: Geologia de Bolivia y del Sud del Perú, XVII. 679 †
 ———: Reminiscences of early days of Queensland, XIX. 237 †
 ———, E. J.: Origin of place-names, XVIII. 114 †
 ———, G.: Harnessing Niagara, VI. 489 †
 ———, H.O.: Antaretica, X. 123 †; Chatham Is. and their story, II. 92 †; Do.; their relation to former Southern Continent, II. 565 †; expedition to Sokotra, XII. 614; XIII. 363; Floods in Queensland, I. 239 †; Great Barrier Reef of Australia, II. 540 †; On a collection of metal work from Benin, XI. 684 †; Do. of stone implements made by Mr. Seton-Karr, XVI. 250 †
 ———, and J. P. Thomson: Sir W. Macgregor's journey across New Guinea, XII. 102 †
 ———, J. D.: Travels through the Alps, XVI. 242 †
 Forbes, Mt., Canada, XIII. 342, 371

FORCH

- Forch, C., M. Knudsen und S. Sorensen: Konstantenbestimmungen zur Aufstellung der hydrographischen Tabellen, XX. 563 †
- Ford, J. T.: Panama Canal works, XIX. 110 †
- , T. N.: Tropical America, II. 187 †
- Forder, A.: To the Jof and back, XX. 619 *
- Fordham, H. G.: Hertfordshire maps, XIX. 523 †
- Fordingdale Bottom, glacial remains in, VI. 143, 145
- Foreign countries, Merchant marine of, XV. 673; Money and prices in, etc., Special Consular Reports, IX. 687 †; Tariffs of, XV. 673 †
- Forel, F. A.: Circulation des eaux dans le glacier du Rhône, XIII. 212 †; XV. 546; Commission internationale des glaciers, VII. 220 †; Handbuch der Seenkunde, XVII. 215 †, 296 §; Le Leman, V. 506 †; XIX. 767 †; La Limnologie VIII. 424 †; Les seiches de Genève, XIX. 104 †, 407 †; Seiches des lacs, X. 342, 544 §; Variation thermique des eaux, XVIII. 239 †; Variations des glaciers des Alpes, III. 434 †; IV. 172 §; V. 178 †
- , L. du Pasquier, M. Lugeon, E. Muret: Variations périodiques des glaciers des Alpes, VIII. 410 †; X. 546 †; XIII. 86 †; XV. 77 †; XVI. 569; XX. 665 †
- Forel glacier, Mt. Kenya, IV. 420
- Forelands, Cuspate: see Cuspate
- Foreman, J.: Philippine Is., political history, XIV. 145 †; Spain and the Philippine Is., XII. 432 †
- Forest, J.: L'autruche de Barbarie, VII. 442 †; L'habitat de l'autruche en Afrique, IV. 86 †
- Forest, Battle of the: B. E. Fernow, IV. 381 †
- climate—Temperatur . . . der Luft am freiem Felde im Kiefern: J. Schubert, XII. 104 †
- conditions of Porto Rico: R. T. Hill on, XV. 283
- fires in New Jersey: J. Gifford, VIII. 419 †
- growth, Limit of, in Arctic Regions, II. 336
- planting in Sahara: P. Privat-Deschanel on, IX. 222
- reservations, etc.: W. R. Dudley, VIII. 192 †; National Forest Reserves: F. Newell, XI. 98 †
- , Through the subarctic: W. Pike, VIII. 653 †
- in Canada, distribution of: R. Bell, X. 340 †
- and Prairie in Nebraska, C. E. Bessey on, XV. 66
- and Water—Einfluss des Waldes auf Bodenfeuchtigkeit und Grund-

FORMOSA

- wasser: H. Gravelius, XVIII. 239 †; Do. auf den Stand der Gewässer: Buhler, etc., XV. 198 †; Relation of Forestation to Water Supply: H. M. Wilson, XI. 458 †
- Forestry in India: F. Bailey, XI. 90 †
- in relation to physical geography: J. Clifford, XII. 439 †
- in the U.S., XI. 56
- Forests, Climatic effects of, on their surroundings: E. Ebermayer, II. 282 †, 373; Einfluss der Wälder auf das Klima: J. Schubert, XVII. 563 †
- and deserts of Arizona: B. E. Fernow, XI. 97 †
- and plantations of Handei mts.: E. Krüger on, VIII. 183
- ; Déboisements des Montagnes: M. Guénot, VII. 117 †
- of the Malay Pen., IX. 4; of New Zealand: A. Hamilton, IX. 243 †; of Sudan, C. E. Muriel's report, XVIII. 442
- of public domain, Administration of: H. Gannett, XI. 98 †
- Foret, A.: Chez les M'Fangs, XX. 126 †; Le lac Fernan-Vaz, XIII. 562 †
- Forke, A.: Von Peking nach Ch'ang-su und Lo-Yang, XVI. 486 †
- Forlong, J. G. R.: On life of Calcutta as seaport, etc., XVI. 238; Science of comparative religions, XIII. 460 †; (letter on), XIII. 668
- Formæ Orbis Antiqui: R. Kiepert, XIX. 587 †
- Formosa, V. 93; A. Grant Duff's visit to, II. 459; Hosie's Report on, II. 441
- Aboriginal tribes in: T. Torii, XIII. 91 †; Aboriginalstämme Formosas: G. L. Mackay, IX. 460 †; Aborigines in Northern part of: T. Torii, XI. 195 †; Aborigines of, Ino Kakyo on, XIV. 443; Aborigines of S. Formosa: R. Torii, XIV. 679 †
- Articles of Christian instruction in Favorlang-Formosan, etc.: W. Campbell, XI. 451 †; XX. 353 †
- Bevölkerung Formosas: H. Panckow, VII. 330 †
- Bibliographie: H. Cordier, VI. 486 †
- Botany of, VIII. 529 †
- Eingebornen Stämme auf Formosa: A. Wirth, XI. 451 †
- Expédition française de Formose: Capt. Garnot, VI. 486 †
- Formosa: J. Dodd, VI. 463; VII. 111 †
- : J. Memecarini, IX. 460 †
- under the Japanese: W. Campbell, XX. 466 †
- und seine Gebirgsbewohner: R. Schumacher, XIII. 68 §, 91 †
- Formose, d'après M. Fischer, XVII. 89 †
- Geographischen Kenntnisse von der Insel Taiwan: N. Yamasaki, XVII. 89 †

FORMOSA

Formosa—continued.

- Geography of Formosa : Y. Ishii, XIV. 679 †
 Geological exploration of : Y. Ishii, XIV. 580 †, 679 †; Geology of vicinities of Giran, etc. : Y. Ishii, XIII. 91 †; Dependent Isle of Taiwan : B. Kotô, XVII. 89 †
 Geschichte der Insel Formosa : L. Riess, X. 550 †
 History of : J. W. Davidson, X. 456 †
 Industries of : J. Inouye, XIV. 580 †
 Kopfügerdörfern auf Formosa, Besuch in den : N. Yamasaki, XVIII. 325 †
 Maps—De Villard's, IV. 582 †; Karte von Formosa : A. Kirchhoff, V. 406 †; Map (Japanese Government), XVIII. 558 †; (Military Survey Office), XVII. 686 †
 Morphologische Stellung von Formosa und den Riukiu-Inseln : F. von Richthofen, XX. 555 †
 Past and future of : W. Campbell, VIII. 650 †
 Pioneering in : W. A. Pickering, XII. 324 †
 Plants from : A. Henry, XIII. 91 †
 Progress in, W. Campbell on, XX. 538
 Railway development in, XX. 539 †
 Reich durch Formosa : W. von Richthofen, XX. 353 †
 Reise zu den Tschin-huan in : R. Schumacher, XV. 80 †
 Taiwan I. : S. Yokayama, X. 456 †; Travels in northern part of : Y. Ishii, X. 456 †
 Trade Rep., †XV. 436; XVII. 89; XIX. 525; XX. 466
 Tschinwan-Gebiet auf Formosa : K. Tamai, VIII. 416 †
 Wilden Stämme von : Ino Kakyo, XIV. 334 †, 443;
 Formosa, Straits of, Hydrography : S. Makaroff, IV. 85 †
 Forrest, A.; obituary, XVIII. 223
 —, G. W.: Index to Selections from Letters . . . in Bombay Secretariat, XVII. 87 †
 Forsberg, C. A.: Meteorologische . . . auf der Bären-Insel, XVII. 96 †
 Forstrand, C.: Minnen från en Sommar på Bermuda, VI. 392 †
 Forstemann, E.: Aus dem Inschriften-Tempel von Palenque, XIII. 457 †
 Forster, A. E.: Temperatur fließender Gewässer, V. 185 †; VI. 264 §; X. 621; Verzeichniss der Arbeiten von Friedrich Simony, IV. 90 †
 Förster, B.: Angola und die Portugiesen, VIII. 418 †; Deutsch-französische Grenzabkommen in Togo, XI. 198 †; English-französischen Streitfragen in West-Afrika, XII. 211 †; Geschichtliche Entwicklung Ugandas, II. 279 †; on identification of the Akobo, XVIII. 310 of the Ruzi, XX. 230; Neuesten

FOSTER

- Forschungen in Sobatgebiete, XVIII. 456 †; Ueberblick über die Niger-Expeditionen, etc., 1895, VII. 114; Zur Geographie der politischen Grenze, etc., II. 283 †; Zustände in Uganda, XIII. 681 †
 Forster, W. G.; on cable fractures, X. 271
 Fort, G. S. : Br. S. Africa, VIII. 310 †; position of C. Africa, XVII. 134
 Fort Blair, Technical terms and names in : R. C. Temple, XII. 431 †
 — Confidence, Gt. Bear Lake, XVIII. 253
 — Jameson, Rhodesia, XIX. 603;
 Journey from, to . . . Tanganyika plateau : R. Codrington, XV. 227 *; to Kafue river : C. P. Chesnaye, XVII. 42 *
 — Johnston, C. Africa, II. 422
 — Riley Military Reservation, Geology of : R. Hay, XI. 455 †
 — St. George, Madras, Founding of : W. Foster, XX. 667 †
 — Stedman, Shan State, VII. 580
 — Victoria, Mashonaland, altitude of, II. 441
 — William, Old, Topography of : C. R. Wilson, III. 251 †
 Forth—
 Forth Basin, Lochs of, Bathymetrical Survey, XVII. 273
 — Valley, Geography of : D. B. Morris, XIV. III. †; Glaciation of raised beaches and travelled boulders : D. B. Morris, IX. 459 †; Scheme for investigation of natural history of : M. Newbigin, XIX. 651 †
 Fortress, lake, Rocky mts., V. 59
 Forty-mile river, Alaska, XII. 35;
 Gordon's account of, XIX. 640
 Forwerg, R.: Bewohner der Guinea-Küste, XX. 126 †
 Fosse de Cap Breton, gully of, XIV. 405
 Fosse Way, Roman road, X. 516
 Fossil Invertebrates, Reptiles, Mammals in British Museum, Guides to, IX. 688 †
 — plants as tests of climate : A. C. Seward, II. 92 †
 Foster, Mrs. A.: In the valley of the Yangtse, XIII. 453 †
 —, A.: Regimen del Rio de la Plata, XIX. 658 †, 759 §
 —, A. J.: Chiltern Hundreds, X. 118 †
 —, C. le N.: Mines and quarries : report, etc., †XV. 294; XVI. 258; XVII. 207
 —, H.: Uganda, Notes on geography, etc., I. 85 †
 —, J. W.: Latin-American constitutions and revolutions, XVIII. 336 †; New Mexico, XIX. 774 †
 —, Sir M.: Remarks on proposed Antarctic Expedition, XIII. 12
 —, W.: Early notices of Madagascar, XI. 569 †; Embassy of Sir T. Roe,

FOUCHER

- XIV. 579†; Forgotten voyage of John Davis, II. 146*; Founding of Fort St. George, Madras, XX. 667†; View of Ormus in 1627, IV. 160*
- Foucher, A.: Mission d'études archéologiques... dans l'Inde, XV. 191†; Sur la frontière Indo-Afghane, XV. 192†; XVII. 549†
- Fougères, M.: Voyage en Arcadie, XVIII. 632†
- Foulché-Delbosc, R.: Bibliographie des voyages en Espagne et en Portugal, IX. 234†, 441§
- Foullon-Norbeek, H. von: biography, XII. 104†; murder by Gualdalcarr natives, VIII. 642
- Foulon, M.: L'Islande, VII. 676†
- Foulonneau, E.: Etude sur Tamatave, III. 161†
- Fountain, P.: Great deserts and forests of N. America, XVIII. 642†
- Fourreau, F.: Au Sahara, IX. 462†; X. 176§; De la Méditerranée au Congo, XVII. 450†; De l'Air à Zinder, XVII. 323†; De l'Algérie au Congo français, XVIII. 233†; De l'Alger au Congopar le Tchad, XIX. 196§, 400†; explorations, III. 332; IV. 65; V. 385; VI. 185; VII. 663; X. 213; (with Lamy), XII. 611; XIII. 533; XV. 280; XVI. 349, 557; From Algeria to French Congo, XVII. 135*; Longitude d'In-Salah, XI. 666; XII. 210†; medal awarded to, XIII. 654; XIV. 102; Mes Missions sahariennes, IX. 577†; Mission chez les Touaregs, IV. 189†; chez les Touareg Azdjer, VI. 296†; saharienne, XVII. 677†; Mission Fourreau-Lamy: †XIV. 228, 336, 680; Neuvième voyage au Sahara, XII. 541†; positions fixed in N. Sahara, IX. 328; Sahara: neuvième exploration, XI. 199†; Traversée du Sahara, XVIII. 110†
- Fourneau, A.: Expedition in French Congo, XIII. 535; XIV. 319, 565; La Mission Fourneau, XVI. 250†
- Fourneau, L.: Archaeological researches in Siam, II. 168; Le Siam ancien, VII. 112†; VIII. 174§
- Fournet, M.: expedition to Abyssinia, XX. 655
- Fournier, A.: D'où vient le nom de Faucilles? VIII. 188†; Les Faucilles, VII. 327†; Noms de lieux ayant pour racine les noms du dieu Belen, Bel, XVI. 120†; Prononciation de noms de lieux dans les Vosges, X. 547†
- Fournier, E.: Capture des cours d'eau souterrains, XIX. 512§, 533†; Cavernes des environs de Marseille, X. 547†; Géographie physique... du Caucase, XI. 91†; Le Caucase de Nord, La route de Grousie, VIII. 412†; Recherches spéléologiques dans le Jura, XVII. 84†; Réseaux hydrographiques du Doubs et de la Loue, etc., XVI. 360†; Sur la géologie du Caucase central,

FRANCÉ

- VII. 327†; Voyage au Caucase, XI. 196†
- Fournier et M. Magnin: Recherches spéléologiques dans la chaîne du Jura, XVI. 244†
- , J.: Les chemins de transhumance en Provence et en Dauphiné, XVIII. 453†; Une Société de Géographie à Marseille en 1801..XVI. 131†
- de Flaix, E.: Les premiers Boers, XVI. 125†
- Fourtau, R.: Age des forêts pétrifiées des déserts d'Egypte, XIII. 561†; Environs des Pyramides de Ghizeh, XV. 438†; Voyage dans... désert arabe, XVIII. 232†; see Depéret
- Foville, A. de: La géographie de l'or, X. 345†
- Foweira, E. Africa: position, IX. 390
- Fowle, G.: Archaeological investigations in James and Potomac valleys, VI. 489†
- Fowler, A.: Measurement of the earth, X. 232†
- , G. H.: Contributions to our knowledge of Plankton, Faerøe Channel, IX. 685†; XIII. 686†
- , T. W.: Contribution to Australian oceanography, XIV. 463†; Heights by barometric methods, XIII. 567†; XIV. 343†; Latitude by observations in prime vertical, V. 396†; Observations with aneroid and mercurial barometers, etc., IX. 466†
- Fox, C. B.: Construction of Simplon tunnel, XVI. 483†
- , F.: The Great Alpine Tunnels, XVI. 483†
- , G. H.: Selangor Government Railway, XVI. 578†
- , R.: Das Gesenke, XIX. 103†; Die Pässe der Sudeten, XVI. 243†
- , W.: Wages and earnings of agricultural labourers in the U.K., XVII. 208†
- Fox glacier, New Zealand, I. 37; V. 67; VII. 494, 501
- glacier, Spitsbergen, VI. 551; VIII. 300
- peak, Spitsbergen, IX. 357
- Fox-Strangeways, C.: Filey Bay and Brigg, XII. 626†
- Foy, N. J.: Wolken-Beobachtungen in Norwegen, XVII. 97†
- Foy's Land, Graham Land, IV. 340
- Fraipont, G.: Les Vosges, V. 395†
- , et F. Tihon: Cavernes de la vallée de la Mehaigne, XI. 308†
- Fram, The, description, I. 12; drift, VIII. 283, 390; durability, VIII. 280; ice-pressure borne by, IX. 503; proposed voyage, X. 98; reconstruction and voyage to Greenland, XIII. 137
- Framnes, Cape, Graham Land, IV. 337
- Francé, R. H.: Das Quellgebiet der March, IX. 676†

FRANCE

France—

- Anthologie géographique : J. Leitritz, XVIII. 320 †
 Anthropology of : R. Collignon, IV. 184 †
 Aven Armand, les Grottes de Ganges, etc. : E. A. Martel, XVI. 243 †
 Balloon experiments by Besançon and Hermite, VI. 478
 Bassin houiller du Nord : Gille, VI. 292 †; VII. 438 †
 César and Central Plateau : M. S. Jefferson, XIII. 675 †
 Climatologie bordelaise de l'année 1899 : F. Courty, XVII. 544 †;
 Contamination des résurgences des terrains calcaires : E. A. Martel, XIX. 649 †
 Courants de migration intérieure en France : V. Turquan, VI. 483 †
 Dépopulation de la France et ses remèdes : J. Bertillon, XIII. 675 †;
 Dépopulation dans l'Orne : A. Dumont, XI. 447 †
 Dépôts littoraux et mouvements du sol pendant les temps secondaires : A. Thevenin, XIX. 227 †
 Description . . . du village et de son territoire : Guyot, XI. 680 †
 Deserts of S. France : S. Baring-Gould, IV. 576 †
 Divisions administratives de la France actuelle : P. Gaffarel, XVI. 360 †
 Dünen der französischen Nordküste : R. le Mang, XVII. 671 †; Dunes de France : P. Girardin, XVIII. 225 †; Dunes of S.W., X. 634
 Ecritures de : G. de Mortillet, X. 338 †
 Ensembles du littoral gascon, etc. : L. A. Fabre, XVI. 484 †
 Epoque de la floraison du Perce-neige : G. de Roequigny-Adanson, XVIII. 453 †
 Erosion pyrénéenne, etc. : L. A. Fabre, XIX. 766 †
 Fisheries — Die französische Seefischerei : M. Lindeman, XVII. 443 †
 Français d'aujourd'hui : E. Demolins, XII. 422 §, 426 †
 Frankrijk en zijne landschappen : J. Kuyper, XIV. 222 †
 Franska sjöfärderna till Söderhafet : E. W. Dahlgren, XVII. 217 †
 Französische Länderkunde : B. Auerbach, XV. 188 †
 Fumades, Les (Gard) : P. G. de Rouville, XVI. 120 †
 Geographical and geological description, II. 529
 — Congress at Lyons, III. 338
 — publications, changes in, V. 276
 — research, III. 239

FRANCE

France—continued.

- Geographical section of Congress of Learned Societies, I. 265
 — Societies—Excursions de la Société de Géographie de Lille : E. Cantineau, XIV. 452 †; Do., de la Société de Géographie de l'Est : Bleicher, XII. 624 †
 Géographie industrielle de la France en 1789 : E. Levasseur, XVIII. 320 †
 — militaire du département de l'Ain : J. Corcelle, XIII. 675 †; Géographie militaire et les nouvelles méthodes : O. Barré, XV. 433 †
 — physique du Nord de la France et de la Belgique : J. Gosselet, XVI. 120 †
 Geological notes on C. France : M. S. Johnston, XVII. 543 †
 Gisements d'or en France : L. F. Viala, VI. 292 †
 Glaciers de la région française : Prince R. Bonaparte, VIII. 188 †
 Habitation sur les plateaux limoux du Nord de la France : P. Vidal de la Blache, XIX. 392 †
 Handbooks : K. Baedeker—N., IV. 84 †; XIII. 675 †; S., including Corsica, XX. 551 †; S.E., VI. 193 †; XII. 321 †; S.W., VI. 193 †; Guides-Joanne, VIII. 411 †; XV. 188 †
 Havre dans l'Histoire de France : G. Hanotaux, XVIII. 225 †
 Haye, Le plateau central de : M. Bleicher, XVII. 544 †
 Heure légale en France et les fuseaux horaires : C. Lallemant, XI. 680 †
 — nationale : B. de la Grysse, XII. 92 †
 Histoire de la géographie de la France : F. Benoit, IX. 103 †
 Historical geography of Roman Gaul : E. Desjardins, I. 563 †
 Hydrologie et Hydrographie beaunoises : P. Privat-Deschanel, XVIII. 453 †
 Inondations et la charité collective : A. Duponchel, XVI. 120 †
 La Seine, la Meuse, la Moselle : W. M. Davis, VI. 579 †
 Lakes—A. Delebecque's work, I. 544; IV. 359; Atlas des lacs français, † I. 382; V. 189; IX. 246; Lacs du littoral landais, etc., IX. 573 †; Lacs français, III. 528 †; XI. 447 †; Lacs de Sept-eaux, I. 563 †; Seenforschung in Frankreich : W. Halbfass, XI. 447 †; Seen Frankreichs : Id., XII. 92 †
 Librairie française, Catalogue : O. Loreuz and D. Jordell, VII. 570 †; IX. 346 †
 Lyon et la colonisation française : M. Zimmerman, XVI. 484 †

FRANCE

France—continued.

- Magnétisme terrestre en France, Composante horizontale: M. E. Mathias, XVII. 84 †
- Marseille et la colonisation française: P. Masson, XVII. 84 †
- Massif central: A. Leroux, XIV. 330 †
- Medieval towns in France and Germany: J. Birchall, X. 646 †
- Mesure de la méridienne de France par Méchain: G. Bigourdan, XIX. 649 †
- Monnaie de Paris à l'Exposition universelle, XVI. 360 †
- Natalité en France: E. Levasseur, IX. 335 †
- Naufages pour l'année 1896, XVI. 361 †
- Nivellement général de la France: C. Lallemand, VIII. 305 †; XIX. 393 †
- Noms de lieux ayant pour racine les noms du dieu Belen, Bel: A. Fournier, XVI. 120 †
- du Pas-de-Calais: A. de Loiseau, XVIII. 454 †
- N.W. coast, Changes in, XIV. 204
- France: A. Hare, VI. 579 †
- Nos Terrains: S. Meunier, XIII. 451 †
- Notes on French geography: F. P. Gulliver, X. 118 †
- Oceanographical work, XIV. 438
- Old towns of: A. Robida, II. 378 †
- Padirac, Etude d'hydrologie souterraine: F. A. Martel, XVI. 360 †
- Rivière souterraine de: Id., XVI. 484 †
- Perles de la Côte d'Azur: Gén. Bourelly, XVII. 85 †
- Photographs of France, Switzerland, etc.: J. Jackson, V. 192; of S. France, II. 384; III. 384
- Picturesque France: J. Gourdault, II. 378 †
- Plus beau royaume sous le Ciel: O. Reclus, XIV. 330 †
- Pluviosité de la plaine du Nord de la France: R. Blanchard, 464 †
- Population de la France . . . 1901: V. Turquan, XIX. 649 †; Do., en 1894, VIII. 306 †; Population française: V. Turquan, VIII. 306 †; Do., Densité de la: A. Milhaud, XII. 92 †; Ergebnisse der Volkszählung, XX. 238 †; Recensement de 1901: C. de Lasalle, IX. 457 †; Do. de 1896: G. Cilvanet, XIX. 649 †
- Ports maritimes français de l'Atlantique: L. Imbert, XIV. 452 †; Improvement of Ports, XX. 100
- Rivalité de la France et de l'Espagne aux Pays-Bas: H. Lonchay, XI. 446 †

FRANCE

France—continued.

- Rôle des voyageurs françaises: J. V. Barbier, VII. 224 †
- Saint-Guilhem-le-Désert: P. Gruyer, XVIII. 631 †
- Silk—Production de la soie: V. Groffier, XVII. 544 †
- Situation démographique de la France en Europe: Chervin, VII. 327 †
- Standard of length, Old, XI. 75
- Subterranean exploration — Cinquième campagne: E. A. Martel and G. Gaupillat, III. 157 †; Dixième campagne de E. A. Martel, XI. 447 †; Treizième campagne: Id., XVIII. 631 †
- Statistique générale de France, † XI. 680; XIV. 110; XX. 551
- Study of local geography, I. 264
- Sub-oceanic depression known as "La Fosse de Cap Breton," etc.: J. L. Lobley, XVIII. 633 †
- Thiérache, La: E. Chantriot, XVIII. 225 †
- Towns, Position of: B. B. Dickinson, XX. 551 †
- Trade Rep., XIII. 675 †; XIV. 452 †
- Vents dans les golfes du Lion et de Gascogne: M. Hauteux, XVI. 361 †
- Village arabes en France: A. Descamps, XIV. 676 †
- Voies romaines de la région du Nord: G. Six, XVIII. 225 †
- Voyage de François Vinchant: F. Hachez, XI. 88 †
- Vulkanlandschaften Central-Frankreichs . . . Vergletscherung: M. Friederichsen, XIX. 649 †
- Cartography and Surveying—
- Arc of Meridian, Completion of, II. 17
- Area of, measurement by Geographical Service of the Army, III. 330
- Cadastre, Refection du: C. Lallemand, XVIII. 546 †
- Carte botanique . . . de la France: C. Flahault, X. 450 †
- de France 1750-1898; Etude historique: Berthaut, XIV. 222 †
- , Refection de la: M. de Lapparent, XIV. 343 †, 441
- , d'après l'ouvrage du Col. Berthaut: G. Bigourdan, XV. 188 †
- et Atlas lithologique des côtes de France: J. Thoulet, XIV. 692 †
- lithologique sous-marine des côtes de France: J. Thoulet, † XIV. 453; XVII. 458; XIX. 113
- , dressée par le service vicinal, II. 570 †; III. 441 †
- . . . des jours de gelée en France: G. Passerat, XX. 238 †
- Cartes agronomiques du canton de Redon: G. Lechartrie, XVI. 243 †

FRANCE

France—*continued*.

- Cartes de Masse, Les: A. Hantreux, IX. 231 †; Do., Nouvelles: A. Pawlowski, XX. 666 †
- Catalogue of Maps, etc., published by Service Géo. de l'Armée, I. 467 †
- Chemins de fer français (Service Géo. de l'Armée), XVII. 100 †
- Colonies: *see below, subhead*
- Contour map: D. Triel, VI. 369
- Enquête sur la première grande carte topographique, celle de France: L. Drapeyron, XIX. 392 †
- Frankreichs Kartenwesen, etc.: W. Stavenhagen, XX. 673 †
- Hydrographie charts, † I. 480; II. 287; III. 356
- Lakes: *see above, general headings*
- Map showing consumption of French and foreign coal: H. Sullivan-Alexander, XVIII. 651 †
- Plans of Paris and the exhibition, with map of France: W. & A. K. Johnston, XVI. 135 †
- Projet de jonction géodésique entre la France et l'Italie: C. de Thury, XIV. 222 †
- Refection du cadastre, et la carte de France: C. Lallemand, XIX. 393 †
- Rivières navigables et canaux: H. Barrère, XX. 566 †
- Sur une carte botanique de la France: G. Flahault, V. 135 †
- Surveys, Government, I. 285 †; C. Lallemand on, I. 264; Report in 1892, II. 561 †
- Vieux terriers, vieux cadastres: Fauvel, XIII. 675 †
- Colonies (general information only)—
- Année coloniale: C. Mourey et L. Brunel, XVII. 327 †; XIX. 242 †
- Annuaire de l'Armée coloniale: N. Noll, XVII. 683
- Aptitude des Français à coloniser: A. Halot, XII. 106 †
- Atlas colonial: G. Malletterre et P. Legendre, XX. 134 †
- des colonies françaises: P. Pelet, † XVI. 137, 376, 379, 709; XVII. 330, 687; XVIII. 559; XIX. 247
- Avenir colonial de la France: E. Fallot, XX. 365 †
- Chronique coloniale: C. Mourey, XX. 675 †
- Colonial bibliography, XIX. 762
- expansion of France: J. C. Bracq, XVI. 376 †
- policy, I. 571 †
- situation, June, 1894: F. Leseur, IV. 473 †
- Union, Publications of, IV. 474 †
- Colonies françaises, Les: P. Gaffarel, XV. 92 †; E. Petit and others, XX. 124 †

FRANCE

France—*continued*.

- Comment rendre nos colonies prospères: J. C. Roux, VIII. 534 †
- Domaine colonial de la France: A. Monteil, XVI. 376 †
- Exploitation de notre Empire colonial: L. Vignon, XVI. 495 †
- France and its colonies: E. Levasseur, I. 472 †; Geography of: A. Thalarnas, I. 472 †; History, Geography, and Commerce: A. Rambaud, I. 380 †
- French colonies (F. O. Rep.), XVI. 376 †
- Immigration asiatique dans nos colonies: Castonnet des Fosses, IX. 348 †
- Kolonialpolitik Frankreichs: A. Zimmermann, XVIII. 649 †
- Madagascar Indo-Chine, etc., Notes commerciales et coloniales: Prince H. d'Orléans, VIII. 534 †
- Mise en valeur de notre domaine colonial: C. Guy, XVII. 218 †
- Oeuvre scolaire de la France aux colonies: H. Froidevaux, XVII. 218 †
- Organization of Fr. Colonies, etc.: E. Petit, IV. 473 †
- Organization administrative, etc.: A. Arnaud et H. Méray, XVII. 218 †
- Régime de la propriété . . . aux Colonies: Imbart de la Tour, Dorvault, et Lecomte, XVII. 218 †
- Siècle d'expansion coloniale: M. Dubois et A. Terrier, XIX. 242 †, 783 †
- Statistiques coloniales, 1899 . . . XIX. 534 †
- Communications—
- Canal de jonction du Rhône à Marseille: J. C. Roux, XVI. 360 †
- des Deux-Mers, Le: Kerviler, IX. 457 †; E. Palmié, XX. 349; Ce que doit être le: M. Charpentier XIX. 649 †
- Comment les chemins de fer français facilitent la décentralisation: R. Sorel, XVIII. 321 †
- Inland navigation, C. Hardinge's report, V. 166
- Percement de la Faucille, XX. 250 †
- Railway mileage, II. 70
- Waterways, H. E. O'Neill on, VI. 277
- Foreign relations (*see also specific colonies, etc.*)
- Brazilian boundary, XVII. 78; S. Brousseau on contested territory, XIV. 213; Les placers aurifères du contesté franco-brésilien: E. D. Levat, II. 437; Question du contesté franco-brésilien: V. Doby, IX. 342 †
- Congo Free State, Arrangement with, IV. 274

FRANCE

France—continued.

- Commercial Mission to China, VIII. 296
 Convention franco-anglaise, XIV. 337 †
 Deutsch-französische Grenzgebiet: C. von François, XVII. 85 †
 Quatrième guerre navale entre la France et l'Angleterre: C. La Roncière, XI. 680 †
 Siam frontier agreements, VII. 298 *, XX. 653
 Variations of Alpine frontier: P. Sopheau, III. 249 †
 Franceschi, E.: on climate, X. 306; Climat d'Alexandrie, IX. 577 †; Le Crépuscule à Alexandrie, IX. 244 †
 Franche-Comté, Contributions to our knowledge of: W. Kilian, III. 528 †
 Franchetti, Baron L.: Avvenire della colonia Eritrea, VI. 488 †; X. 340 †
 Franić, K.: Orometrie des Lika-Cacka oder Oberkroatischen Hochlandes, V. 278 †
 Francis, A.: Tour in Russia, XIV. 676 †
 Francis, V.: Argentina, Colonie Agricole . . . di Cordoba, XVIII. 457 †
 Franke, H.: Besteigung des Karsongpases (Kaschmir), XVI. 697 †; Besuch im buddhistischen Kloster Hemis, XI. 312 †; Ladäker mythologische Volksagen, XVII. 447 †
 François, C. von: biography, XVI. 132 †; Deutsch-französische Grenzgebiet, XVII. 85 †; Deutsch-Südwest-Afrika, XV. 551 †; journey in Kalahari, III. 237 †; Wirtschaftliche Lage im Togogebiet, XV. 297 †
 —, G.: L'Émyrne industrielle, etc., XVIII. 456 †
 —, H. von: Nama und Damara, VIII. 311 †, 480 §
 Franciot-Legall, X.: L'Amérique a-t-elle droit sous ce nom à un nom indigène? IX. 577 †
 Franconie, J.: Chemins de fer dans l'Inde anglaise, XIV. 115 †; développement économique du Japon, XI. 568 †
 Francqui, L.: Bassin supérieur du Congo, III. 347 †; Expedition in Congo Basin, I. 449; III. 516
 Frandon, V. de: Commerce entre la France et la Chine, XIX. 230 †
 Franke, J. H.: Koordinaten-Transformationen in geodätischen Dreiecknetzen XII. 103 †
 —, O.: Beschreibung des Jehol-Gebietes, XX. 122 †; De Pékin à la Frontière Russe, XI. 195 †; Die heilige Insel Pu-to, I. 279 †
 Frankenfeld, H. C.: Kite work of U.S. Weather Bureau, XVI. 257; XVII. 215 †; Vertical gradients of temperature, humidity and wind direction, XVI. 583 †
 Frankfort-on-Main, statistical description,

FRANZ JOSEF LAND

- II. 65; Statistik der Stadt, XVIII. 454 †; Statistische Beschreibung der Stadt: H. Bleicher, VI. 483 †; Trade, XII. 427 †; XIV. 453 †; XVI. 571 †
 Frankincense, preparation of, VI. 119
 —, Country, S. Arabia, Exploration of the: J. T. Bent, VI. 109 *; plants of, Note from Kew, VI. 133
 —, and Myrrh, Land of: J. T. Bent, VII. 110 †; trees, IV. 318
 Franklin, Sir J.: Arctic work, VI. 35; Commemoration Meeting of R.G.S., V. 376; VI. 31 *; Franklin and romance of the North-West Passage: G. B. Smith, VI. 101 †; Franklin and the Arctic, IX. 466; Life of: H. D. Traill, VII. 569 †; IX. 533 §; Notes on Franklin's Arctic Expeditions: W. S. Dalgleish, VI. 586 †; Relief expeditions, IX. 595
 —, J. H.: Canal de Nicaragua, XVIII. 336 †; Question de Libéria, XIX. 400 †
 Franks, G. F., and J. B. Harrison: Globigerina marls of Barbados, XIII. 217 †
 Franz, A.: Seeeverbindung zwischen Europa und W.-Sibirien, XII. 207 †
 Franz Ferdinand, Archduke: Tagebuch meiner Reise um die Erde, VI. 491 †; VIII. 197 †
 Franzius, L., and G. de Thierry: River regulation . . . in Germany, XIV. 110 †
 Franz Josef fjord, Greenland, XIV. 535
 —, glacier, New Zealand, V. 62; VII. 495
 Franz Josef Land, IV. 9; as a starting point for polar exploration, VI. 501; basalts, IX. 525, 526; character and extent, IX. 481; flora, VI. 518; VIII. 560; general appearance, VI. 518; IX. 489; XI. 116; glaciers, VIII. 554; ice, VIII. 555; ice-floes, VI. 505; May weather, VI. 515; need of exploration, II. 483; sketch-map, VI. 509; storms, VIII. 547; theodolite measurements, X. 187; winter life and sport, VI. 510
 Abruzzi, Duke of, expedition, XIII. 542; XVI. 597; XVIII. 282
 Avifauna of: W. E. Clarke and W. S. Bruce, XII. 102 †
 Baldwin expedition, XVIII. 447; XX. 341, 438
 Botany of, A. G. Nathorst on, IX. 96
 Collumbola from: G. H. Carpenter, XIX. 531 †
 Flora of: H. Fisher, XI. 135
 Fossil plants from: A. G. Nathorst, XVII. 326 †
 Franz Josef Land: M. Lindeman, IX. 344 †
 Geology of: R. Koettlitz, XI. 132; XIII. 96 †
 Jackson-Harmsworth expedition, IV. 10, 141 *, 177, 275, 365; VI. 19, 387,

FRANZ JOSEF LAND

Franz Josef Land—*continued*.

- 475; VIII. 543; X. 445; Account of: A. Montefiore, VI. 499*; Thousand days in the Arctic: F. G. Jackson, XIV. 122†; Jackson-Harmsworth Polar expedition: A. M. Brice, IX. 344; Three years' exploration in Franz Josef Land: F. G. Jackson, XI. 113*, 457†
- Leigh Smith's voyage to, VI. 50
- Mammalia and birds of: W. S. Bruce and W. E. Clarke, XIV. 231†
- Meteorological, etc., observations: Armitage, XI. 130
- observations of second Wellman expedition, XV. 301†; XVII. 646†
- Nansen und Payer's Karte von: G. R. von Brosch, XVI. 109 §, 128†
- Note on geography of: A. Montefiore, III. 492*
- Payer's discovery of, VI. 500; Payer's Map of: A. Supan, XI. 102†, 439; Do.: R. Copeland, IX. 110†; discrepancies in, IX. 482; letter from Payer, VII. 105; Revised Map of, etc.: R. Copeland, X. 180*; Do., Letter from A. M. Brice, X. 336
- Reeks and fossils from, additional notes: E. T. Newton and J. J. H. Teall, XIII. 96†
- Wellman expedition, XII. 82, 174, 417; XIII. 7; XIV. 326; Do.: W. Wellman, XV. 184, 301†; Wellman's *see* Polar-Expedition: G. R. von Brosch, XIX. 779†
- Zoology of, VIII. 563; W. S. Bruce, XI. 137
- Fraser, A.: Egypto-Assyrian railway, VIII. 650†
- , D.: Zulu of Nyasaland, XIX. 526†
- , E. H.: Fish-skin Tartars, V. 181†
- , J.: Australian language as spoken by the Awabahal, III. 255†
- , J. F.: Through Upper Burma and W. China, XV. 296†; Our Trade with W. China, XI. 310†; Round the world on a wheel, XIII. 689†; The Real Siberia, XX. 244†
- , Sir M.: remarks on "Explorations in W. Australia," XI. 286; W. Australian year-book, † III. 255; VII. 116; XIII. 327; XVI. 586; XVII. 214
- , M. F. A.: remarks on "From Shanghai to Blamo," XIX. 276
- , S. J.: Barbados . . . directory, etc., XI. 571†
- Frassi, H.: Nouvelle cartographie horaire, XIX. 405†
- Frazer, J. G.: Origin of Totemism, XIII. 687†; Pausanias and other Greek sketches, XVI. 571†; Pausanias's description of Greece, XI. 565†; XII. 158 §

FRESHFIELD

- Frazer, P.: Geological section, Moscow to Siberia, XII. 322†
- and Kingsley, J. S.: In Memoriam, E. D. Cope, X. 343†
- , R. W.: British India, IX. 575†
- Frech, F.: Führer für die geologische Exkursion . . . nach Oberschlesien, XIX. 394†; Gebirgsformen in Südwestlichen Kärnten, I. 277†; Gebirgsbau der Radstädter Tauern, IX. 572†; Gebirgsbildung im paläozoischen Zeitalter, XIV. 587†; History and geology of Carnic Alps, I. 352; Ueber Muren, XIII. 686†
- Frediani, Belzoni, e Drovetti, *Gl'itinerari* (Egypt, etc.), VIII. 93†
- Frédon, M.; expedition in Fr. Congo, XVII. 661; XVIII. 535
- Free Church of Scotland, Missionary Reports, VIII. 536†; XIV. 691†
- Freeman, E. A.: Sicily; Phœnician, Greek, and Roman, I. 83†
- , R. A.: Travels in Ashanti and Jaman, XIII. 216†, 412 §
- Freitas, A. de P.: Limites do Brazil com a Bolivia, XX. 560†
- Frejlach, J.: Anemometrischen Verhältnisse von Prag, VI. 199†; Věstník Král České Společnosti Náuk, VI. 199†; X. 646†
- Fremantle—Hafen von Fremantle in Westaustralien, XII. 637†
- French, G. R.: Gold Coast, Ashanti, and Kumassi, IX. 463†
- Congo: *see* Congo, French
- Guinea: *see* Guinea, French
- W. Africa: *see* Africa, Fr. W.
- Frere, Sir Bartle, Life of: J. Martineau, V. 400†, 462 §
- Frers, E.: Provincia de Buenos Aires, VII. 334†; IX. 108†
- Frescura, B.: Geografia di casa nostra, La Brenta, IX. 573†; Terzo Congresso Geografico Italiano, XIII. 101†
- Freshfield, D. W.: Address at Geographical Association, XI. 168; Caucasian travels of Dr. H. Abich, VII. 656; Climber's guide to Caucasus, III. 422 §
- Corsica revisited, V. 395†; Der Name des höchsten Berges der Erde, XX. 123†; Explorations in Himalayas, XV. 642; Glaciers of Kangchenjunga, XIX. 453*; Hannibal's pass, XIV. 221†; (letter on), XIII. 547; Highest climbs on record, XI. 461†; Mt. Everest or Jomokangkar, XIX. 653†; Mountains, lectures on, II. 547, III. 228*; Note on Southern Alps of New Zealand, IX. 465†; remarks at Geographical Association, XIII. 202; XIX. 382; on "Journey across Tibet," I. 407; on "Survey of the English Lakes," IV. 244; on "Do glaciers excavate?" I. 500; on "Exploration on and around Aconcagua," XII. 491; on "Exploration in the Mustagh mts.," II. 302; on

FRESHFIELD

- "Kurdistan," III. 94; on receiving medal on behalf of E. Reclus, IV. 79; on "Twelve years' work of the Ordnance Survey," XV. 597; retirement from Secretaryship, IV. 24; Round Kanchinjunga, XVII. 88 †, 447 †; Tour of Kanchinjunga, XV. 663 †
- Freshfield and V. Sella: Exploration of Caucasus, VIII. 153 §, 307 †
- and W. J. L. Wharton: Hints to Travellers, III. 257 †
- Freshfield mt. and glacier, Canada, XIII. 343
- Fresne-Canaye, P. du: Voyage du Levant, XII. 440 †
- Fresno, Plain of, California, I. 538
- Fretwell, J.: Newfoundland and the Jingoos, VI. 196 †
- Frewen, M. A.: Visit to Broken Hill, VI. 584 †
- Frey, A.: Geographisch-Kommerzielle Gesellschaft in Aarau, V. 402 †
- Freyreiss, G. W.: Bidrag till Kannedomen om Brasiliens urbefolkning, XVII. 213 †
- Freytag, G.: Export-Atlas für Welthandel und Industrie, XX. 254 †; Karte des Sonnblick und Umgebung, I. 382 †; Wand-Plan . . . Wien, I. 574 †
- und Berndt: Welt-Atlas, XVII. 101 †
- Friaul, Die Sauris oder Zahre im: J. Poek, XI. 449 †
- Frick, J.: Vassalage of S. America, XIV. 121 †
- Fricker, K.: Antarctic regions, XVI. 586 †; Antarktis, XII. 637 †; Entstehung und Verbreitung des antarktischen Treibeises, I. 471 †; on currents of Antarctic, II. 255; Treibeis der antarktischen Meere, XIX. 404 †
- Fridtjof Nansen, Cape, Franz Josef Land, VIII. 547
- Friederichsen, L.: Internationale Geographen-Kongress in London, VI. 224 †; Rückblick . . . der Geographischen Gesellschaft in Hamburg, XII. 441 †
- , M.: Expedition to Tian Shan, XIX. 754; XX. 538; Futterer's Reise durch Asien, XVII. 673 †; Geographischen Charakteristik der Bretagne, etc., XIX. 766 †; Morphologie des Tien-Schan, XIV. 443 §, 661 §, XV. 296 †; Russisch Armenien und der Ararat, XVI. 248 †, 578 †; Sibirien, etc., XX. 668 †; Südliche und mittlere Ural, XII. 428 †; Vulkanlandschaften Central-Frankreichs, XIX. 649 †
- Friederici, G.: Indianer und Anglo-Amerikaner, XV. 667 †
- Friedrich, E.: Côte d'Ivoire, XVII. 91 †; Geographisch-Statistisches vom Wilajet Smyrna, XV. 81 †; Handels- und Produktenkarte von Kleinasien, XIII. 222 †; Kautschukproduction Afrikas,

FROIDEVAUX

- XVII. 675 †; Wirtschafts-geographischen Karten, XIX. 534 †
- Friedrich, P.: Angola, XI. 92 †
- Friedlaender, B.: Volcanoes of Taupo district, XV. 670 †
- Friesland, Bijdrage tot de Kennis van: H. van Cappelle, XI. 88 †
- Friquegnon, Comm.: Chine meridionale et Tonkin, XIII. 333 †; Tonkin et Haut Laos (Maps), XIX. 786 †
- Frio, Rio, Costa Rica, X. 65
- Fripp, C. E.: Recent travels in Rhodesia, etc., IX. 681 †
- Frisch, A.: Vegetations-Verhältnisse . . . des Pohlberg Gebietes, XII. 536 †
- Frisian Islands—
- Die Nordfriesen: P. Axelsen, XIII. 88 †
- Rettung der nordfriesischen Inselnde: A. C. Leichsering, X. 547 †
- Fritsch, G.: biography: A. Mieseler, VII. 569 †; Die Entstehung der südafrikanischen Freistaaten, XV. 552 †
- Fritzsche, H.: Coefficienten der Saussischen Theorie des Erdmagnetismus, etc., XI. 104 †; Elemente des Erdmagnetismus, etc., XIV. 345 †; XVII. 681 †; Erdmagnetischen Horizontalintensität, VII. 219 †; Localabweichungen bei Moskau, etc., III. 435 †; Observations magnetiques . . . en Asie et en Europe, XI. 324 †
- Fritz, G. L.: Ost-Sibirien, VIII. 309 †
- , J.: Iron manufacture in U.S., XV. 554 †
- : Insel Rota, XIX. 237 †; Reise nach den . . . Marianen, XX. 361 †, 458 †
- Fritzsch, M.: Vertical Distribution of Snow, Plants, and Habitations, VIII. 519
- Fritzsche, G. E.: Carta Politica Speciale del Regno d'Italia, etc., I. 383 †; Lösung des Djuba-Problems, IV. 87 †
- , W. H.: Bevölkerungsverhältnisse der Erythræa, VI. 488 †
- , W. G.: Verbreitung der Malaria in Italien, V. 406 †
- Frobenius, H.: Heiden-Neger des ägyptischen Sudan, IV. 190 †; VI. 466 §
- , L.: Die Masken und Geheimbünde Afrikas, XV. 296 †; Die oceanischen Bogen, XVII. 95 †; Distribution of art in Oceania, XVII. 535; Malajonigritischen Kultur, etc., XIII. 224 †; Origin of African civilizations, XVII. 552 †; Schilder der Oceanier, XV. 443 †; Ursprung der afrikanischen Kulturen, XII. 433 †; Westafrikanische Kulturkreis, XII. 211 †, (map), 549 †; XIII. 73 §, 323 †, 455 †
- Frobisher Bay revisited: R. W. Porter, XII. 102 †
- Froc, A.: L'atmosphère en extrême-Orient, XIX. 653 †
- Froidevaux, H.: Explorations françaises

FROM

- à l'intérieur de la Guyane, VI. 490 †, 571 §; L'œuvre scolaire de la France aux colonies, XVII. 218 †; Visite aux îles du Salut, XIII. 95 †
- From the Alps to the Andes: M. Zurbiggen, XV. 200 †
- Sphinx to Oracle: A. S. White, XII. 631 †
- Frontiers: *see* Boundaries
- Frost—Bekämpfung der Frostgefahr: W. Trabert, XV. 444 †
- Frosterus, B.: Hufvudtyper inom de sydfinska landskapsformerna, etc., XIX. 651 †
- Froude, J. A.: English seamen, VI. 397 †
- Froward, Cape, Magellan Straits, XVII. 406
- Früchtenicht, H.: Volksdichte in Anhalt, XI. 448 †
- Früh, J.: Das Vorland der Pyrenäen, XVIII. 227 †; Postglaciale Löss im Rheinthale, XIV. 578 †; Relief der Schweiz, X. 226 †; Ueber Moorausbrüche, XI. 206 †
- Fry, W. E.: Photographs of Victoria Falls and Zambesi, I. 384 †
- Frye, A. E.: Complete geography, VII. 571 †; (Herbertson's adaptation), XII. 529 §, 547 †; Primary Geography, V. 188 †
- Fuchau, Trade Rep., XIV. 456 †; XVI. 247 †
- Fu Chiang, XII. 234
- Fuchs, T.: Die Verbreitung der Tierwelt im Bodensee, XIX. 522 †; Bemerkungen zu Dr. Natterer's "Tiefseeforschungen," XVI. 589 †; On zoogeographical discoveries in Red Sea, XX. 233
- Fuciner-See einst und jetzt: K. Hassert, X. 548 †
- Fuerte, Rio del, of W. Mexico, and its tributaries: K. D. Doyle, XVI. 582 †
- Fugger, E.: Die Hochseen, IX. 244 †; Le "Nixloch" du Wildmoos près Fuschl, XIV. 221 †
- , und K. Kastner: Die Geschiebe des Donau-gebiete, VI. 292 †
- Fuhrer, A.: Monumental Antiquities, etc., in N.W. Provinces and Oudh, I. 181 †; Shargi Architecture of Jaunpur, I. 469 †
- Fujiyama, Japan, VII. 149; Der Fujiyama: G. von Kreitner, II. 473 †
- Fukushima: Voyage à cheval de Berlin à Wladiwostok, VIII. 91 †
- Fulah, Fulbe, or Fulani race, W. Africa, V. 51; VI. 215; VIII. 216; X. 357, 359; XIV. 631; Royaumes Foulbe du Soudan central: L. Mizon, VI. 195 †
- Fulerand: Le Colonel Goulier, XII. 330 †
- Fuleile, Somaliland, I. 214
- Fuljes, XV. 22; of the Nefud, IX. 295, 306
- Fülleborn, F.: Anthropologie der Nord-Nyassaländer, XX. 125 †; Expedition to Lake Nyasa, XIV. 94; Reisen im

FUSS

- Nyassa-Gebiet, XVII. 91 †; Untersuchungen im Nyassa-See, etc., XVI. 561 §, 579 †
- Fuller, F. W.: Egypt and the Hinterland, XVII. 553 †; XVIII. 301 §
- , M. L.: Sand-plain formation, XIV. 688 †
- Fulmar valley, Spitsbergen, IX. 355, 359
- Fulst, O.: Kohlenstationen und Flottenstützpunkte, XVI. 494 †; Ueber das sogenannte "Pagelsche Verfahren," XIV. 586 †; Zur Höhenberechnung, XVI. 587 †
- Fulton, D.: Practical treatise on patents, etc., V. 404 †
- , R. L.: How Nature regulates rains, VII. 683 †
- , T. W.: Surface currents of the North Sea, XI. 322 †
- Fumagalli, G.: Bibliografia Etiopica, I. 183 †
- Fumbi, Mt., Unyoro, IX. 371
- Funafuti—
- Atoll Funafuti: R. Langenbeck, XI. 101 †
- Atoll of, its zoology, etc.: C. Hedley, † IX. 343; X. 652; XI. 319, 456, 686; XIV. 342; XV. 197
- Boring a Coral Reef at: W. W. Watts, VIII. 421 †; Boring Experiments in VIII. 642; IX. 657; X. 217, 640; XI. 50; XII. 616; XIII. 37
- Hedley, C.: observations on, IX. 562
- Report on coral reef at: W. J. Sollas, IX. 465 †, 580 †
- Study of a coral atoll: W. J. Sollas, XIII. 458 †
- Three months on a coral island: Mrs. E. David, XIII. 567 †, 663 §
- Fundy, Bay of, Seiches on: A. W. Duff, X. 234 †; Sprungwelle und Fluthgrösse im oberen Theil der Fundy-Bai: G. Schott, XVI. 125 †
- Funke, A.: Deutsche Siedlung . . . Rio Grande do Sul, XX. 128 †
- Funza river, Colombia, XVII. 348
- Fuorigrotta crater, X. 429
- Fur Seal Is.: L. Stejneger, IX. 322, 339 †
- Trade, Romance of the, XIII. 94 †
- Furber, T. F.: Trigonometrical survey of N. S. Wales, etc., XIV. 463 †
- Furneaux Is., Tasmanian half-castes of: E. Stephens, XIV. 686 †
- Furness, W. H.: Folk-lore in Borneo, XV. 80 † Glimpses of Borneo, XI. 195 †; Life in Luehu Is., XIV. 225 †; Photographs of Naga Hills, Assam, XX. 477
- Furque, H.: Ruinas de Londres de Quinmivil, XVII. 558 †
- Fürst, E.: Der Vulcan Lamongan, XI. 568 †; Die Bataker, XII. 96 †; Kaffee . . . und Thee-Kultur auf Java, XII. 432 †; Reise durch Java, XI. 313 †
- Fuss, V. von: Hohe und Azimut der Gestirne, XIX. 405 †

FUSS

- Fuss, F. Müller und N. Jürgens: Polarstation an der Lenamündung, VII. 112 †
 Futa Jallon—
 Annexion du: Rouire, VIII. 417 †
 Essai sur la Géographie du Fouta-Diallon: M. J. Machat, XVII. 449 †
 Exploration in: Maclaud, XIV. 664
 Guinée française et le: M. Noirot, XIX. 399 †
 Impressions du, XIV. 337 †
 Ressources économiques du: J. Machat, XIV. 459 †
 Futaleufu river, Patagonia, XIV. 324; XVI. 192
 Futterer, K.: Ausflug nach dem Süd-Ural, V. 179 †; Der Pe-schan als Typus der Felsenwüste, XX. 554 †; Durch Asien, XVII. 547 †; XVIII. 525 §; Durchbruchsthäler in der Süd-Alpen, VI. 96 †; Ergebnisse einer Forschungsreise durch Central-Asien, XVIII. 105 †; Do., geologischen, XI. 236 †; Journey across Asia, XII. 520; XIII. 430; Land und Leute in Nordost-Tibet, XVII. 548 †; Morphologie Ostasiens, XVIII. 455 †; on geology of Tian Shan, XI. 664; Southern Urals, VI. 181 †; Uebersichtskarte . . . Gebirgssysteme von Zentral-Asien und China; Geologische Profile durch den Thian Schan, IX. 247 †; Vergleichende Charakteristik des Ural und des Kaukasus, VIII. 307 †

- und Holderer: Reise durch Central-Asien und China, XIV. 114 †
 Fwambo Station of London Missionary Society, I. 525
 Fyler, Col.: Development of Cyprus, XIV. 111 †
 Fyne, Loch, Circulation of Water in: H. R. Mill, X. 632, 654 †

G

- Gabarra, J. B.: L'ancien port de Capbreton, X. 646 †
 Gabb, W. M.: Exploration de Talamanea, VII. 217 †; VIII. 420 †; X. 72
 Gabel, Jebel, Arabia, XII. 45
 Gabeit, Wadi, Sudan, VIII. 343
 Gaboury, Marie Anne, The Story of: G. Dugast, XX. 473 †
 Gabukai village, Mounds in, XI. 568 †
 Gacé, Un coin de la France: J. Porcher, XIII. 675 †
 Gadaruz, Jebel, Morocco, IX. 642
 Gader Chai, Asia Mi., XIV. 507, 520
 Gadoffre, F.: Le pays des canaux, XX. 242 †
 Gadow, H.: In Northern Spain, XI. 88 †, 544 §
 Gaedertz, A.: Reisen in Schantung, XIII. 423 †; XIV. 206 §; Wegeaufnahmen in Schantung, XIII. 574 †

GALLA

- Gaeresai river, E. Africa, II. 505
 Gaetani, O.: Vilayet di Adrianopoli, XI. 308 †
 Gaffarel, P.: Colonies françaises, XV. 92 †; Congrès de Géographie de Marseille, XIII. 100 †; Divisions administratives de la France, XVI. 360 †; De orbe novo, par P. M. d'Anghiera, traduite par, XIII. 99 †; Excursion en Herzégovine et en Bosnie, X. 117 †; Le capitaine Paulmier de Gonneville, XVI. 375 †; Vasco da Gama, XII. 219 †
 Gafsa, ancient town, Tunis, XI. 604, 606
 Gage, A. T.: Botanical tour in S. Lushai Hills, XVIII. 637 †
 Gagini, C.: see Pittier, E.
 Gaiba Laguna, Bolivia, XIX. 66
 Gaillard, D. D.: Washington aqueduct and Cabin John Bridge, XI. 317 †
 —, G.: Explorations de la haute Sangha, etc., III. 347 †
 Gain, E.: Drought and Vegetation in Algeria and Tunis, VII. 430
 Gaitsab river, S.W. Africa, II. 35
 Gaja-shima or Hebi-shima, V. 292
 Galana Sagan, N.E. Africa: see Sagan
 Galapagos archipelago—
 Birds of: R. Ridgeway, XIII. 457 †
 Galapagos Inseln, Die: T. Wolf, VI. 393 †
 Galapagos Is., The: T. Wolf, VI. 560 *
 Mammals of, V. 471
 Galas river and district, Malay pen., IX. 32, 36
 Galatz and district, Trade, XII. 538 †
 Galcescu: Sondage et analyse des boues du lac: E. de Martonne et M. Murgoci, XVI. 120 †
 Galicia, Austria-Hungary—
 At the back of beyond: L. Lorimer, XIII. 674 †
 Frontier between Hungary and Galicia in the Tatra, XX. 651
 Remășiți românești în Galiția: T. T. Burada, XI. 679 †
 Galicia, Spain—
 Ander der Riasküste Galiciens: H. Schurtz, XX. 121 †
 Gal-i-Gay, Bakhtiari Hills, IV. 499
 Galimard, J.: Les caveaux de Verpant, XIV. 222 †
 Galitzine, Prince B.: Elements magnétiques, XI. 88 †; Observations météorologiques . . . à Novaia Zemlia, XI. 88 †; Voyage à Novaia Zemlia, XI. 88 †
 Gall, J.: Easy Guide to Constellations, XV. 672 †
 Galla Countries (see also Abyssinia), Baron Erlanger's expedition in, XIX. 87; L. Darragon's, XII. 77; Prince E. Ruspoli's, VI. 384; Wellby's, XIII. 533
 Graves or Tumuli, II. 361
 Reise von Erlanger in dem Galla-Ländern, XVIII. 330 †

GALLA**Galla Countries—continued.**

- Settlements and people, Tana river, IV. 101, 105
 Tribes, VIII. 123, 289; XX. 380; history, XV. 110, 270
 Villages, ruins of, XI. 38
 Galla and Somali Countries, Italian explorations, II. 359, 461, 486; Map—Das südliche Schoa und die nördlichen Gebiete der Galla und Somal: B. Hasenstein, IX. 350
 Galland, P.: Dans le Kurdistan, XIX. 770 †; Excursion à Bou-Saada, XIV. 680 †
 Galle, A.: Höhenbestimmungen in Riesengebirge, VII. 676 †; Philippson's In Nord- and Mittel-Griechenland, IV. 468 †
 Gallego, T.: Possessões portuguezas da Africa e da Asia, VI. 398 †
 Gallegos river, S. America, XIV. 253, 257; valley, 408
 Gallet, J.: Chemins inédits dans les Alpes bernoises, XIII. 211 †
 Gallia: *see* Gaul
 Gallieni, Gen.: Le développement de Madagascar, XIX. 657 †; Madagascar (1896–1899), XV. 551 †; Scientifique "Protection" in Madagascar under, XII. 80
 Gallina, E.: Census of 1895 in Bosnia and Herzegovina, IX. 87
 Gallois, E.: Birmanie, les pagodes, etc., XI. 567 †; Excursion à la capitale de Tamerlan, XIV. 116 †; La France en Océanie, XX. 562 †; La traversée du Caucase par la route de Géorgie, IX. 339; Visite à l'île de Java, XII. 629 †; Voies de communications ... en Indo-Chine, XVII. 550 †; Volcans de Java, XIII. 454 †
 —, L.: Améric Vespuce et les Géographes de Saint-Dié, XV. 445 †; XVII. 217; Andes de Patagonie, XVIII. 336; † Le Bassigny, XVII. 671 †; Le Beaujolais et le Lyonnais, VI. 96 †; Criticism of Harisse's "Discovery of N. America," V. 403 †; Eruption de la Martinique, XX. 561 †; Etat de nos connaissances sur l'Amérique du sud, I. 87 †; II. 188 †; Mâconnais, Charolais, Beaujolais, Lyonnais, III. 249; Territoire contesté entre le Venezuela et la Guyane anglaise, X. 458 †; Toscanelli et Christophe Colomb, XX. 251 †; Waldseemüller chanoine de Saint-Dié, XVII. 565 †
 Gallol Dobleh, Somaliland, XI. 18
 Gallop, Lake: *see* Rudolf
 Gallouédec, L.: Etudes sur la Basse-Bretagne, I. 278 †; III. 344 †; La Loire navigable, IX. 457 †; XIII. 530; Navigabilité de la Loire, VI. 579 †; Navigation intérieure en Allemagne, XVI. 361 †
 Gallwey, H. L.: Journeys in Benin, I. 122*; remarks on "Nupe and Ilorin,"

GANGONES

- X. 373; S. Nigeria Report, XVII. 661 §, 677 †
 Galubba tribe, E. Africa, XI. 380
 Galvão, A.: Portuguese historian, IX. 193, 196; chronicle of, XVI. 625
 Galveston—
 Harbour Improvements: Nugent, XII. 436 †
 Hurricane of September, 1900, XVII. 452 †; Galveston und seine Sturmflut: E. Deckert, XVII. 557 †; Lessons of the: W J McGee, XVII. 93 †
 Gama, Vasco da: *see* Vasco da Gama
 Gambia—
 Flore ... de la Gambie: A. Rançon, VII. 564 †
 Island of MacCarthy: Dr. Rançon, I. 280 †
 Notes sur la Gambie anglaise: E. Bonvalet, XIII. 560 †
 Reports, † XV. 297; XVII. 449; XVIII. 640; XX. 558
 Sacred stones, XII. 528
 Gambier, J.W.: True discovery of America, III. 162 †
 Gambier, Manufacture of, in Johore, III. 290
 Gambier Is. — Mangareva dictionary: E. Tregear, XVI. 255 †
 Gambino, G.: Ortografia ... dei nomi geografici, etc., V. 404 †; Testo-Atlante di Geografia, IX. 116 †
 Game — An age of extermination, XVI. 134 †; Big game of S. Africa, VII. 332 †; In haunts of wild game: F. V. Kirby, VII. 332; † Game traps in Mashonaland, V. 38; Preservation of, in Africa, XIV. 211; XVI. 105
 Gammie, G. A., Botanical exploration in Sikkim, III. 252 †, 331, 347 †
 — and G. M. Woodrow: Records of Botanical Survey of India, VII. 329 †
 Gamo district, Abyssinia, XVI. 297
 Ganale Diggo, tributary of Jub, II. 461
 — Gudda, tributary of Jub, III. 136
 — Guracha, tributary of Jub, III. 135
 Ganawah, ancient site and history of, IX. 312
 Gando, W. Africa, VIII. 218; E. Vohsen, XV. 298 †
 Ganeval, J. A., et V. P. Groffier: Dictionnaire de géographie commerciale, VII. 338 †
 Ganges; changes of, XVI. 238; estuary of, submarine gully, XIV. 410
 Distribution of Malaria in Ganges Delta; L. Rogers on, XVIII. 308
 Ganges delta: C. R. Wilson, I. 83 †
 — and Indus valleys, rôle of geology and geography in, II. 521
 Topography of, in 16th century: C. R. Wilson, I. 83 †
 Gangones, Exploration du trou des: Bidot et Charot, XI. 87 †

GANJAM

- Ganjam, Dans les forêts Khondes de: R. P. Bonaventure, VIII. 529†
 Ganjulo Lake, N.E. Africa, XX. 384
 Gannett, H.—
 Administration of forests of Public Domain, XI. 98†
 Aims and methods of cartography, XIII. 459†
 Altitudes in Alaska, XVIII. 551†
 Average elevation of U.S., III. 333, 440†; V. 90†
 Boundaries of U.S., XVIII. 552†
 Census of Porto Rico, XVII. 325†, 432§
 Certain errors in geography, XVIII. 649†
 Chelan Lake, XIII. 216†
 Dictionary of altitudes in U.S., XVI. 490†; Ditto of fixed positions, VIII. 653†; IX. 93
 Flood of April, 1897, in Lower Mississippi, XI. 98†
 Gazetteer of Kansas, XVI. 583†
 Geographic dictionary of New Jersey, VI. 489†
 — work of General Government, XII. 435†
 Geography of Alaska, XVIII. 233†
 Graphic history of U.S., IX. 107†
 Harriman Alaska expedition, XV. 195†, 298†
 Indian Territory, VII. 216†, 444†
 Magnetic declination in U.S., XI. 570†
 Mapping of New York State, VI. 393†
 Material growth . . . of U.S., XI. 685†
 Population of U.S., XVII. 678†; Do. by sex, nativity, and race, XIX. 402†; Movements of our population, II. 280†
 Primary triangulation results, VI. 583; Summary, IX. 342†
 Redwood forest of Pacific slope, XIV. 229†
 Results of Cuban Census, XVI. 491†
 Science of map-making, XIV. 450
 Sigsbee, Charles D., XII. 331†
 Statistical Atlas of U.S., XII. 550†
 Survey and subdivision of Indian Territory, VII. 565†
 Topographic work of U.S. Geological Survey, IX. 464†
 United States, Stanford's Compendium, etc., XII. 327†, 417§
 Work of U.S. Board on geographic names, VIII. 536†
 Ganong, W. F.: Map of Nictor lake and Upper Nepisiguit river, XV. 679†; Negoot or South Tobique lakes, XVII. 459†; New Brunswick—Monograph of historic sites in, XVII. 451†; of the cartography of, XII. 213†; of Evolution of boundaries of, XX. 468†; Notes on natural history . . . of, XIV. 460; XVIII. 111†; Place nomenclature of, X. 553; Plan for general history of, IX. 341†; Raised peat-bogs in, XIV. 119†
 Ganzenmüller, K.: Statistik des säch-

GARHWAL

- ischen Elbverkehrs, XIX. 521†; Vital statistics of Saxony, XI. 565†
 Gao, town, W. Africa, IX. 444
 Gaping Ghyll cave, Yorkshire, X. 506, 509; XIV. 658; Gaping Ghyll Hole: E. Calvert, XVI. 246†
 Gara country, Arabia, V. 380
 — mts., Arabia, VI. 114, 122
 — tribe, VI. 118, 122
 — Mulata mts., Somaliland, XX. 374
 Garay, D. B.: Misiones . . . en el Paraguay, XII. 215†
 Garbini, A.: Notizie . . . sulle acque del Benaco, X. 451†
 Garcia, J., voyages of, XVI. 19
 Garcie, P.: Les plus anciens hydrographes français: M.A. Pawlowski, XVIII. 315§, 460†
 Gard, l'Ardèche et l'Hérault, Explorations souterraines dans: F. Magauric, XV. 546†
 Garda, lake, V. 70; depth XIV. 441; temperature, V. 266
 Das Moränen-Amphitheater des Gardasees: T. Fischer, XI. 295, 565†
 L'anfiteatro morenico del Garda: T. Fischer, XIII. 211†
 Gardan-i-Arzana and Gardan-i-Halwai passes, IV. 493
 Garde, T. V.: Dansk Expedition til Sydvestgrönland, II. 463; III. 350†; Gardes Forschungsreise in Südwestgrönland, VIII. 423†; Ice in Arctic Seas, XVII. 436; XX. 106§, 362†; State of ice E. and W. of Greenland, XV. 672†; Un été au Groenland, VII. 117†; Verbreitung des Treibeises in den arktischen Meeren, XIX. 405†
 Gardiner, C. T., and S. H. Reynolds: Bala beds . . . of Lambay I., XII. 204†
 —, J. S.: Atoll of Minikoi, XVIII. 549†; Award to, XIX. 630, 648; XX. 115; Fauna and geography of Maldives and Laccadives, XIX. 396†, 667†; Geology of Rotuma, XII. 215†; Natives of the Maldives, XVIII. 549†; observations on Rotuma I., XII. 193; visit to Maldives and Minikoi I., XVII. 526
 Gardini, C.: In der Sternenbanner-Republik, XVI. 701†
 Gardner, A., biography: Sir F. Goldsmid, XII. 641†; Adventures of, XII. 423; Memoirs of: H. Pearse, XII. 330†
 —, C. T.: Corea, VIII. 650†
 Gardner Is., Schnee's visit to, XIV. 570
 Gardon et son cañon inferieur: F. Magauric, XII. 624†
 Gardulla people, N.E. Africa, XX. 384
 Gareloch, area, temperature, etc., IV. 345, 347
 Garenganze to Blantyre; D. Campbell's journey, XII. 613; Garenganze and lake Mweru district, photographs: D. Crawford XII. 112
 Garhwal, Landslip at Gohna in, IV. 162*; VII. 677†

R

GARIANNONUM

- Gariannonum, Roman town of, IX. 514
 Garieh plain, Sokotra, XIII. 635
 Garing Cho, lake, Tibet, VII. 466
 Garland, A.: S. American conflicts and U.S., XVIII. 336 †
 —, H.: Overland routes to Klondike, XII. 213 †
 Garmak, Persia, VII. 36
 Garnett, L.: Philippine Is., XII. 432 †
 Garnier, C.: Langues dans les Alpes occidentales, IX. 675 †; Notice biographique sur: L. Drapeyron, XIII. 687 †; Nomenclatura orografica della Bulgaria, XI. 446 †; Transcription . . . des noms géographiques, XIV. 236 †, 690 †; XV. 73 §
 —, F.: Inauguration du monument de, XII. 319, 546 †; Work in Indo-China, VIII. 584
 —, J.: L'ancien désert Victoria (Australie occidentale), XVIII. 236 †
 Garnot, Capt.: L'expédition française de Formose, VI. 486 †
 Garofalo, F. P.: Historia griega, XIV. 588 †; Storia delle provincie occidentali dell'impero Romano, XVI. 361 †; Studi di Geografia Greca, XIX. 392 †; Sulla geografia delle Gallie sotto l'impero Romano, XIX. 392 †
 Garollo, G.: Dizionario Geografico, XI. 461 †
 Garonne—
 Hydrométrie du bassin de la: G. Le-moine, VIII. 527 †
 Mise en état de navigabilité de la, XVII. 84 †
 Sources de la: E. Belloc, XIII. 318 †
 Subterranean course of, XIV. 407
 Val d'Aran et les sources de la: L. F. Viala, XI. 566 †
 Garrard, J.: Map of Zululand, gold and coal fields, etc., VII. 121 †; Mining industry of Zululand, XI. 96 †; XIII. 93 †
 Garrett, G. H.: obituary, II. 377
 Garrigou-Lagrange, P.: De l'influence des mouvements de la Lune, XII. 103 †
 Garriott, E. B.: West Indian hurricane of August, 1899, XIV. 685 †; Do. of 1900, XVII. 92 †
 Garrison, F. L.: Deforestation in China, XVIII. 548 †
 Garrou, M.: Argentina ed Uruguay, XVI. 254 †
 Garry, N., Diary of, . . . travels in N.W. Territories, XVIII. 333 †, 444 §
 Garry, Loch, bathymetrical survey, XVII. 292
 Garsault, A. G.: La Réunion, XVI. 700 †
 Garstin, Sir W.: Irrigation projects on Upper Nile: E. G. Ravenstein, XVIII. 398 *, 639 †; Nile flood, XIV. 227 †; Report on Sudan, XIV. 208, 336 †; Reports on Public Works Department, XIV. 681 †; XVII. 307 §, 449 †; XIX. 232 †, 507 §

GATSCHET

- Gartok, C. Asia, III. 383
 Garua, Nigeria, V. 50
 Garumna and Lettermullen, Galway, Ethnography of: C. R. Browne, XIV. 333 †
 Garwood, E. J.: Across Spitzbergen with Sir M. Conway, X. 459 †; Glacial phenomena of Spitzbergen, XV. 183 §, 301 †, 444 †; grant to, XI. 661; XII. 87; Note on map of Glaciers of Kangchenjunga, XX. 13*; remarks on "First crossing of Spitzbergen," IX. 366; on "Glaciers of Spitzbergen," XII. 151
 —, and J. W. Gregory: Glacial geology of Spitzbergen, XII. 216 †
 Garwood Land, Spitzbergen, XII. 138, 141
 Gascogne, Golfe de: *see* Biscay, Bay of Gascony—
 Anciennes baies de la côte de Gascogne: C. Duffart, VII. 560 †
 Dunes (cf. Landes, *below*)—Die Dünen der Gascogne: R. Le Mang, XV. 546 †; Dünen und Landes der Gascogne: A. Engler, XIX. 766 †; Dunes primitives . . . de la côte de: E. Durègne, IX. 676 †; X. 225 †, 634 §; L'âge des dunes et des étangs de Gascogne: C. Duffart, XIX. 227 †; Do.: M. Saint-Jours, XIX. 392 †; Magnétite des dunes: C. Duffart, XII. 321 †; Magnétite pyrénéenne dans les sables: L. A. Fabre, XX. 666 †
 Etat ancien du littoral gascon: Saint-Jours, XVII. 543 †
 Fleuves côtiers de Gascogne: Capt. Saint-Jours, XX. 238 †
 Géographie féodale de Fezensac et d'Armagnac: J. F. Bladé, XVIII. 454 †
 Landes; Geographischen Verhältnisse: M. E. Engell, XIX. 750 §, 766 †; Landes et dunes de Gascogne: C. Grandjean, VIII. 411 †, 527 †
 Gases in sea-water: *see* Oceanography
 —, Expulsion of, from the Earth: N. S. Shaler, IX. 686 †
 Gasnier, P.: Thermomètres électriques de profondeur, XIX. 111 †
 Gaspé current, Gulf of St. Lawrence, XVI. 685
 Gastaldi, J.: Maps of Asia: A. E. Nordenskiöld, XIII. 396
 Gaster: Rainfall of British Is., XI. 309 †
 Gastine, G., et V. Vermorel: Projectiles . . . pour prévenir la formation de la grêle, XVII. 215 †
 Gastrell, W. S.: Argentine Republic, I. 377 †; Economic position of German Empire in 1900, XVI. 243 †
 Gatama, N.E. Africa, XV. 108
 Gatillier, M.: Carte agronomique . . . Ferté-sous-Jouarre, IV. 380 †
 Gatschet, A. S.: Bay of Passamaquoddy, IX. 464 †; Die Osageindianer, XII. 435 †

GATTY

- Gatty, V. H.: Ice Fjord, Spitzbergen, VI. 99 †; Spitzberger glacier expedition, XI. 205 †
- Gaubert, B.: Carte de Madagascar, VI. 296 †
- Gaucler; La Mosaïque romaine en Afrique, VIII. 652 †
- Gaudeaux: De Lalla Marna à Fez y Tanger, XI. 454 †
- Gau-Khome, Persia, VII. 169
- Gaul, Early Discovery of, I. 506; Gallia, Murray's handy classical maps: ed. G. B. Grundy, XV. 93 †; Geografia delle Gallie, etc.: F. P. Garofalo, XIX. 392 †; Géographie, historique et administrative, de la Gaule romaine: E. Desjardins, I. 563 †
- Gault, P.: Vallée du Zérafchane, II. 473 †
- Gaultier, P.: Médimarémètre et la détermination du niveau des mers, IX. 243 †
- Gaurisankar mt., Himalayas, XII. 564: *see also Everest*
- Gauss: *see Lagrange*
- Gauss, The; Arrival at Cape Town, XIX. 97; Deutsche Süd-polar Expedition auf dem: E. von Drygalski, XX. 223 §, 471 †; Launch, XVII. 536
- Gauthiot, C.; Biography: P. Paulitschke, XI. 574 †
- Gautier, B.: La pluie en Suisse et à Genève, XIV. 224 †
- , E. F.: L'agriculture européenne à Madagascar, XVII. 323 †; Les Hova sont-ils des Malais? XVI. 369 †; L'Ouest Malgache, VI. 195 †; Mission Emile Gautier à Madagascar, IV. 282 †, 565 §; VI. 284; Western Madagascar: its geography, etc., XIII. 563 †
- , L.: Au delà du Jourdan, VII. 112 †; Autour de la mer Morte, XVII. 90 †
- , R.: Eclipse de soleil . . . en Algérie, XVIII. 108 †; Mars et la Terre, VII. 224 †; Service chronométrique à l'observatoire de Genève, etc., V. 395 †
- Gavazzi, A.: Alcuni laghi Carsici, XII. 425 †; Hydrologie der unteren Koka, VII. 106 †; Konstante srednje dnevne temperature zraka za hrvatske postaje III. 248 †; lakes of the Karst, XVII. 301; La temperatura della superficie del Mare Adriatico, X. 554 †; Meteorologyski odnosi na sljemenu god, III. 248 †; Regenverhältnisse Croatiens, III. 248 †; Ušće Rijeke Krke, III. 249 †; Vransko Jezero u Dalmaciji, III. 249 †
- Gavelin, A.: Glacial lakes in Ume river-valley, XVI. 695 †
- Gayangos, Don P. de: Catalogue of Manuscripts in Spanish Language in British Museum, II. 381 †
- Gayem country, W. Africa, XIV. 635
- Gayet, A.: Découverte du Temple de Ramsès II. à Antinoë, X. 551 †; Excursion à l'Ouadi Natron, IX. 105 †; Itin-

GEIKIE

- éraire de la Haute Egypte, III. 438 †; Les Fouilles d'Antinoë, X. 649 †; Visite à la vallée du Bir-et-Aïn, IX. 681 †
- Gaz Kul, Pamirs, VIII. 101 †
- Gazaland, E. Africa—Gaza, 1897–1898: G. da Costa, XIV. 682 †; XVI. 350 §
- Gazetteers (*see also Dictionaries*), Chambers', V. 188 †; Longmans', VII. 416 §; Lippincott's, III. 77 †; Ritters geographisch-statistisches Lexikon: J. Penzler, VII. 684 †
- Gazelle Pen., New Britain; Journeys in, XV. 182
- Gebauer, H.: Waldungen des Königreichs Sachsen, VII. 328 †; VIII. 306 †, 412 †
- Gebel, Bahr el: *see Bahr el Jebel*
- Ses in der Harra und seine Ruinen, XIV. 336 †
- Gebelin, J.: A la mémoire de: J. Manés, XIII. 687 †; Essai de géographie appliquée, X. 461 †; Limites géographiques du climat tempéré, X. 233 †; Une grande industrie du Bas Quercy, VII. 107 †
- Gebhardt, A.: Erdbeben auf Island, IX. 233 †, 336 †; Statistisches aus Island, XII. 92 †
- Gebi Village and its inhabitants: D. Kereslidze, XI. 568
- Gedan, P.: Biography of J. C. Hüttner, XII. 331 †
- Geddes, P.: Cyprus, actual and possible, X. 118 †; Edinburgh and its region, geographic and historical, XX. 352 †; Influence of Geographical Conditions on Social Development, XII. 580 †; remarks on "A great globe," XII. 406
- Gee; remarks on "teaching of geography," XIX. 82
- Geelmuyden, Prof.; on Nansen's astronomical observations, XVIII. 286
- Geer, G. de: Degree-measurement in Spitzbergen, XVII. 434; Die Gletscher von Spitzbergen, XIX. 405 †; Om den Senkvartära Landhöjningen kring Bott-niska Viken, XIV. 676 †; Om gradmät-ningsnätets framförande öfver . . . Spitz-bergen, XVII. 326 †; Om Skandinavien geografiska utveckling efter istiden, IX. 243 †; XIV. 577 †
- Geest, E. de: Het Koninkrijk der Neder-landen, I. 475 †
- Geez or Ethiopic speech, IX. 316
- Geb, Baluchistan, X. 585
- Gehring, H.: Land und Volk der Tamul-en, XIII. 454 †
- Geiger, T.: Conrad Celtis in seinen Bezie-hungen zur Geographie, X. 655 †
- , W.: Ceylon und seine Bewohner, X. 227 †
- Geijer, R.: Upsala Universitet, XI. 576 †
- Geikie, Sir A.: Address to geological section of British Ass., XV. 88; XVI. 257 †; Ancient volcanoes of Great Britain, IX. 679 †; X. 307 §; Annual reports of Geological Survey, + III. 436; VI. 581; X. 119; communication on

GEIKIE

- "The Færoes," VII. 22; Memoir of Sir A. C. Ramsay, V. 400 †; Notes on rocks from Antarctic regions, XVI. 586 †; remarks at Royal Society's Antarctic meeting, XI. 421; on "Across Iceland," III. 279; on "Evolution of Indian geography," III. 192; on "Movements of the earth's crust," VII. 247; on "Sub-oceanic changes," X. 285; on "Sub-oceanic features off coast of W. Europe," XIII. 289; on limits between geology and physical geography, II. 533; Tertiary basalt plateau of N.W. Europe, VIII. 189 †; Types of scenery and their influence on literature, XII. 68 §, 331 †; Use of Ordnance maps in teaching geography, XIX. 662 †; XX. 365 †
- Geikie, J.: Earth sculpture, or origin of land-forms, XIII. 308 §, 328 †; European glacial deposits, VI. 292 †; Fragments of earth lore, II. 282 †; on glacial erosion, I. 494; on glacial succession in Europe, IV. 88 †; How long will our coal last? XVIII. 547 †; Last great Baltic glacier, X. 450 †; Mountains, XIX. 111 †, 780 †; on permanence of ocean basins, I. 232; Prehistoric rock-shelter at Schweizersbild, XI. 89 †; on rock specimens from Antarctic, VII. 517; Tundras and steppes of prehistoric Europe, XII. 426 †; White-hot liquid earth and geological time, XV. 556 †
- Geikie Land, Antarctic, XVI. 394
- Geissler, K.: Die mathematische Geographie, XIX. 238 †
- Geistbeck, A.: Bayerische Pfalz, VII. 676 †; Kulturgeographie im Unterrichte, IX. 469 †
- Gelcich, E.: Beiträge zur Geschichte der Schifffahrtregeln und Segelhandbücher, I. 188 †; Bestimmung der geographischen Schiffsposition, I. 380 †; Dieppe im Zeitalter der grossen Länder-Entdeckungen, I. 91 †; Entdeckung Amerikas durch die Skandinavier, I. 87 †; Kurorte am Adriatischen Meere, II. 276 †; on M. Behaim and improved methods of observation, II. 175; Reisebeschreibungen aus dem XVI. Jahrhundert, IV. 474; Schlussrechnung bei der Längenbestimmung, etc., XIV. 344 †
- , E., F. Sauter, P. Dinse: Kartenkunde, XI. 320 †
- Gelder, W. van: De Residentie Bantam, XVII. 209 †
- Gelert, O., and C. H. Ostenfeld: Flora Arctica, XX. 673 †
- Geliashin peak, Kurdistan, XVIII. 134
- Gell, P. L.: Rubber industry in Br. S. Africa, XVII. 322 †
- Gelo river, E. Africa, XVII. 510; XIX. 385, 520; XX. 399
- Gelodi, E. C.: Colonizzazione della Repubblica Argentina, XIX. 402 †
- Geluy, M.: Voyage en Mongolie, XVII. 87 †

GENTIL-TIPPENHAUER

- Gemengde Diluvium, Bijdrage tot de Kennis van het: H. van Cappelle, VII. 683 †
- Genardiëre, G. de la: Chemins de fer français en Abyssinie, XII. 433 †; Provinces équatoriales d'Ethiopie, XII. 209 †
- Gendron Mission in Fr. Congo, XVII. 660: see Loeffler
- Genealogies of Somâl: P. Z. Cox, IX. 239 †
- Genealogy of the sciences: H. Arctowski, X. 344 †
- General Mathews mts., E. Africa, II. 535
- General Paz, lake, Patagonia, XIV. 360
- Genesee river, Preglacial channel of: A. W. Grabau, V. 608 †; Preglacial course: R. H. Whitbeck, XX. 247 †
- Genetic classification of land-forms, XIV. 481
- Geneva—
- Congrès des Sociétés suisses de géographie . . . à Genève, IX. 116 †
- Observatoire de Genève, Latitude de l': J. Pidoux, XIX. 104 †
- Société de Géographie, Coup d'œil sur la: A. de Claparède, VIII. 534 †; Rapport sur: Id., VI. 103 †
- Geneva, Lake; depth, IV. 244; glaciation, I. 492
- Le Léman, Monographie limnologique: F. A. Forel, V. 506 †; XIX. 767 †
- Morphometrie des Genfersees: W. Halbfass, X. 226 †; XI. 308 †
- Seiches de Genève: F. A. Forel, XIX. 104 †
- Sur les gaz dissous au fond du lac: A. Delebeeque et A. Le Royer, VI. 395 †
- Variations quantitatives du plankton dans le lac Léman: E. Yung, XX. 351 †
- Gennadius, P.: Agriculture in Cyprus, XIV. 455 †
- Gennakens tribe, Argentina, XVIII. 578
- Gennep, J. van: Bijdrage tot de Kennis van den Kangean-Archipel, VII. 441 †
- Gennes, A. de, et A. Bonard: Roches volcaniques du Protectorat des Somalis, XVI. 488 †
- Genoa, Industrial condition of, I. 374 †
- Gente, H.: Handel von Siam, XVII. 674 †
- Genthe, M. K.: German geographers, etc., XIX. 112 †; see Krug, M.
- , S.: Der Persische Meerbusen, XI. 91 †, 452 †, 546 §; Scientific journey of, XIX. 383
- Gentil, E.: Chute de l'Empire de Rabah, XX. 125 §, 356 †; Explorations in Chad-Shari region, VIII. 517; IX. 562; X. 213, 539; XII. 79, 523; Plantation de caféciers au Congo, XVIII. 109 †
- Gentile, N.: Escursione nel Co-Hain, IV. 86 †
- Gentil-Tippenhauer, L.: see Tippenhauer,

GENTLEMEN'S

Gentleman's Magazine Library, English Topography: F. A. Milne, VII. 110 †; IX. 235 †, 574 †

Geodesy, XI. 4; XX. 418

Action of gravity on surface of the Earth: P. Pizzetti, IV. 88 †

Allgemeinste Abbildung der geodätischen Kreise einer Fläche, etc.: C. W. Oseen, XVIII. 238 †

Astronomische Arbeiten des K. K. Gradmessungs-Bureau: E. Weiss and R. Schram, † I. 570; IX. 684; XII. 438; XIII. 555; XVI. 483; XIX. 392

Attrazione locale nella Specola geodetica in Roma: V. Reina, VII. 219

Aufgabe der modernen Geodäsie: V. Carlheim-Gyllensköld, XVI. 129 †

Azimuthen im Harz-gebiete, XII. 544 †

Berechnung von Lotabweichungssystemen: L. Krüger, XII. 545 †

Bestemmelsen af Jordens Form og Størrelse: P. M. C. Engell, XVIII. 238 †

Bestimmung der Polhöhe, etc., IX. 111 †

Breiten oder Polhöhen-Bestimmungen: F. Netuschill, XVIII. 459 †

Degree measurements: *see* Quito and Spitsbergen

Determinations of gravity, etc., on Pacific coast, and Alaska: T. C. Mendenhall, IV. 88 †

Earth measured, The, XV. 444 †

Erreurs . . . dans les nivellements de précision: C. Lallemand, IX. 111 †

Europäische Langengradmessung in 52 Grad Breite, etc.: F. Helmert, II. 88 †

Figure of the earth: F. Yiezzoli, IV. 381 †; Erkenntniss der Mathematischen Erdgestalt: F. R. Helmert, XIX. 405 †

Geodetic connection between surveys of Russia and India: Sir T. H. Holdich, VIII. 309 †

— positions, Formulæ . . . for computations of, X. 232 †

— problem, New solution of a: C. H. Kummell, XII. 103 †

— Survey in S. Africa, X. 441; XIV. 667; XVI. 474 §, 488 †; XIX. 90; Report: Sir D. Gill, VIII. 531 †

— , U.S.A., Methods and results as illustrated at World's Columbian Exposition, III. 350 †

Geodätische Linien . . . Feaghmain und Warschau: A. Borsch und L. Krüger, IX. 103 †

Geoid and the U.S. Coast and Geodetic Survey, XVIII. 313

Geschichte der Pendelbeobachtungen: G. Neumayer, XI. 320 †

Gnomon de l'observatoire et les anciennes toises: C. Wolf, X. 653 †

Gravitational deviation of plumb-line in W. Switzerland: J. B. Messerschmitt, IV. 88 †

GEODESY

Geodesy—continued.

How the earth is measured: J. H. Gore, I. 89 †

Hilfsmittel, etc., der Internationalen Erdmessung: K. von Orff, XIX. 779 †

International Geodetic Association—Comptes-rendus des séances, † III. 255; IV. 381; VI. 394; VIII. 423; IX. 243; X. 233; XIV. 687; XX. 130; Conference: E. D. Preston, XIII. 327 †; Rapports sur les triangulations: A. Ferrero, III. 70 †; XIV. 686 †; Resolution passed by Congress, VIII. 292

Jahresbericht des Direktors des Königlich Geodätischen Institut, † VII. 107; XI. 448; XV. 198; XVII. 326

Jonction d'un réseau fermé de triangulation: P. Hatt, XIX. 110 †

Koordinaten-Transformationen in geodätischen Dreiecknetzen: J. H. Franke, XII. 103 †

Length of a degree of the meridian: C. A. Mallino, I. 89 †

Measure of an arc of meridian: P. Rosén, IV. 381 †

Mesure des altitudes et . . . du niveau des mers: C. Lallemand, I. 185 †

Mesures de bases de Moloskovitz . . . avec l'appareil de Jäderin, I. 570 †

Médimarémètre et la détermination du niveau des mers: P. Gaultier, IX. 243 †

Morphometrie der Erdoberfläche: R. von Kövesligethy, XI. 205 †

Neumessung der Grundlinien bei Strehlen, etc.: R. Schumann und F. Kühnen, XI. 205 †

Norwegische Commission der Europäischen Gradmessung, VII. 109 †

Nouvelle méridienne de France: L. Bassot, I. 72 §, 89 †

— méthode de mesure de base: Bassot, IX. 111 †

Oesterreichischen Gradmessungs-Commission, VII. 106 †; XI. 205 †

Pendule à seconde en Russie, Sur les Observations du: J. de Schokalsky, XIX. 405 †; Table of Length of Pendulum at different stations of Russian Empire, II. 92 †

Piquets employés . . . dans les nivellements de précision: C. Lallemand, IX. 111 †

Plumb-line—Aberration der Lothlinie: A. Schmidt, IX. 244 †; Attraction of the Himalayas upon: S. G. Burrard, XIX. 615 §; XX. 123 †; Local deflection: O. J. Klotz, XVII. 563 †

Plumb-line disturbances in . . . Hawaiian islands: E. D. Preston, VI. 98 †

Polhöhe und ihre Schwankungen, etc.: R. von Sterneek, V. 92 †

Praecisionsnivellementet over Oresund: G. Zachariae, XVI. 129 †

GEODESY

Geodesy—continued.

- Preliminary account of ice-bar base apparatus: R. S. Woodward, I. 185 †
 Principien der Variationsrechnung, etc.: F. Rudio, XIV. 232
 Progrès de la géodésie: A. Laussedat, XIX. 779 †
 Publicationen für die Internationale Erdmessung: E. Weiss und R. Schram, VI. 201 †; VII. 682 †
 Recent progress in geodesy: J. F. Hayford, XVI. 129 †; E. D. Preston, XIII. 567 †
 Relative Schwerebestimmungen durch Pendelbeobachtungen, XI. 321 †; XII. 438 †
 Tafel zur Berechnung der Höhe und des Azimuts der Gestirne: V. von Fuss, XIX. 405 †
 Theorie des Reversionspendels: F. B. Helmert, XII. 545 †
 Trigonometrischen Gradmessungs-Netz für Zwecke der Landesvermessung: A. Weixler, XVIII. 459 †
 Utilisation des points de collines pour la détermination d'un quadrilatère: M. Hatt, XVIII. 238 †
 Veröffentlichung des Königl. Preussischen Geodätischen Institutes, † VI. 293; VII. 218; XI. 205; XVI. 587; XVIII. 320; XIX. 766
 Geogenetische Beiträge: O. Kuntze, VI. 586 †
 Geografi italiani all' estero: C. Bertacchi, XIV. 237 †
 Geografia all' Esposizione di Torino: B. Frescura, XIV. 589 †
 ——— con altre scienze fisiche e sociali: F. Porena, IX. 116 †
 ——— en 1895: R. T. Campos, X. 556 †
 Geografiens . . . historia, etc.: J. F. Nyström, XV. 674 †
 "Geographentag," German, IX. 227, 451, 645*; XI. 680 †
 Geographic conquests of nineteenth century: G. H. Grosvenor, XIX. 661 †
 Geographical advantages, On the Relativity of: G. G. Chisholm, VIII. 485; X. 654 †
 ——— Association, Meetings, V. 177; XI. 167; XIII. 201; XV. 428; XVII. 312; XIX. 382; Annual Report, IX. 225; Catalogue of Slides, VII. 571 †; issue of magazine by, XVIII. 541; progress, VII. 664
 ——— at Vienna University; Festival, XIV. 659
 ——— bibliography: *see* Bibliography
 ——— concentration; Historic feature of American agriculture: J. Hyde, III. 73 †
 ——— conditions of city life: J. P. Thomson, XV. 447 †
 ———, Influence of, on

GEOGRAPHICAL

- social development: P. Geddes, XII. 580*
 Geographical Congress: *see* Congress
 ——— Cycle, The: W. M. Davis, XIV. 481*; XIX. 407 †
 ——— dictionaries: *see* Dictionaries
 ——— discovery: *see* Discovery
 ——— distances: *see* Distances
 ——— distribution: *see* Distribution
 ——— education: *see* Education
 ——— environment: *see* Environment
 ——— exhibition: *see* Exhibitions
 ——— horizon, Enlargement of G.: Philip, X. 654 †
 ——— indices: *see* Indices
 ——— instruction: *see* Education
 ——— Journal, The, I. 58; progress, IV. 4
 ——— knowledge, state of, in 1837, IX. 590
 ——— laboratory; equipment of: W. M. Davis, XII. 331 †; Laboratory work in Worcester Academy: W. H. Snyder, XV. 448 †
 ——— Literature of the month: *see* each monthly part of the Journal
 ———, Russian, VI. 554
 ———, Resolutions by Congress, VIII. 292
 ——— monographs, American, VII. 319
 ——— names: *see* Place-names; and for orthography, spelling, transcription, *see* Orthography
 ——— periodicals, Use of: W. M. Davis, X. 345 †
 ——— pictures, H. R. Mill on, X. 475; Do., published by Newnes, V. 599 §
 ——— position, Influence of, on Development of Australian Natives: E. Favenc, II. 316*
 ——— positions, Determination of, without astronomical instruments, XII. 83
 ——— problems, Some: Sir T. H. Holdich, XX. 411*; J. S. Keltie, X. 308*
 ——— publications, Austrian, XI. 172; French and Italian, V. 276; German, XIX. 762
 ——— research: *see* Research
 ——— results of Anglo-Portuguese delimitation Commission in S.E. Africa, 1892: J. J. Levenson, II. 505*
 ——— Review, Slavonic, VI. 481
 ——— Series, Longmans, IX. 347 †
 ——— Societies—
 Amur, V. 381
 Frankfurt—Jahresbericht des Frankfurter Vereins, etc., VIII. 535 †
 Giessen, IX. 320

GEOGRAPHICAL

Geographical Societies.—*continued.*

- Marseilles—Société de Géographie à
Marseille en 1801: J. Fournier, XVI.
131†
Of the Pacific; Bequest to, by J. Dol-
beer, XX. 661
Paris, New Publication, XV. 288;
Notice sur, XVII. 219†
Philadelphia, IV. 178
Royal: *see* Royal
Russian, Annual meeting, XV. 288;
report, etc., IX. 566; XVIII. 317
Southampton, X. 642
St. Petersburg, XIX. 763
Tashkend, XI. 75
Transbaikalian, X. 94
Vladivostok, VIII. 408
—, Universal annual
of: A. de Claparède, I. 472†
—, synthesis, XVIII. 421
—, tables, Smithsonian: R. S.
Woodward, VI. 100†
—, teacher, first number of,
XIX. 98
—, teaching: *see* Education
—, terminology: *see* Termin-
ology
—, text-books, general: *see*
Education; special: *see* specific
countries
—, work—Geographisches Ar-
beit des XIX. Jahrhunderts: J. Partsch,
XV. 445†
—, work of the future: H. R.
Mill, V. 402†
—, yearbooks: *see* Yearbooks
Géographie appliquée, économique: *see*
Geography, Commercial
—, et la science: H. Conrad, XV.
558†
—, inspiratrice de théories géo-
logiques, etc.: P. de Rouville, XII.
642†
—, littorale, La: J. Girard, V.
185†
—, mathématique: J. V. Barbier,
IX. 684†
—, médicale, La: H. Gros, XIV.
688†
—, politique à propos des écrits
de F. Ratzel: P. Vidal de la Blache,
XII. 220†
—, rationnelle, Quelques mots de:
P. de Rouville, IX. 116†; XI. 688†
—, und Höhlenkunde: F. Kraus,
VII. 221†
Geographische Fragen aus der Säugetier-
kunde: P. Matschie, VIII. 425†
—, Forschung und Bildung:
A. Hettner, VI. 397†
—, Nekrologie für 1900 und
1901: W. Wolkenhauer, XX. 131†
—, Verbreitung der Transport-
mittel des Landverkehrs: A. Hettner,
V. 187†
Geographisches Arbeit aus dem Luft-

GEOGRAPHY

- ballon: A. Berson, VII. 448†; (abstract
in English), VII. 541*
Geographisches Handbuch zu Andree's
Handatlas: A. Seobel, IV. 92†; V.
402†
—, Jahrbuch: H. Wagner,
†II. 568; V. 188; VII. 340; IX. 451,
688; X. 656; XII. 106; XIV. 237; XVI.
376; XVII. 99; XVIII. 461; XIX.
243; XX. 252
Geography (*see also* Education, geograph-
ical)—
Aardrijkskunde en de Praktijk: C. M.
Kan, III. 353†
Album géographique: M. Dubois et C.
Guy, XI. 460†; XIV. 236†
Antlitz der Erde: E. Suess, XIX.
111†
Apperception in geography: M. E.
Kelton, XVI. 376†
Ausserungen über Wesen und Aufgaben
der Geographie: A. Hettner, XVII.
219†
Basis for correlation: J. F. Chamber-
lain, XVII. 455†
Bedeutung geographischer Kenntnisse
für das Kriegs-Sanitätswesen: J.
Steiner, XVII. 219†
Bildung von Abteilungen für Heimats-
kunde: R. Fitzner, VIII. 536†
Causal notion in geography: F. Mc-
Kurry, IX. 687†
Chinese notions on geography: Eitel,
XX. 131†
Certain persistent errors in: H. Gannett,
XVIII. 649†
Classification of, VII. 665; XVIII. 414;
(H. R. Mill) XI. 145†
Commercial Geography: E. C. K.
Gonner, V. 187†; H. R. Mill, III.
124*; Adaptation des produits de
l'industrie aux besoins du commerce,
etc.: C. Guy, XVII. 327†; Com-
mercial Geography of British Empire:
L. W. Lyde, IV. 92†; Concurrenz-
Verhältnisse am Weltmarkt: W.
Berndt, XX. 254†; De la création
... des grands marchés de denrées
etc.: M. Aspe-Fleurimont, XVII.
564†; Dictionnaire de Géographie
commerciale: J. A. Ganeval et V.
P. Groffier, VII. 338†; Elementary
commercial geography: H. R. Mill,
V. 188†; XI. 325†; Essai de géo-
graphie appliquée: J. Gebelin, X.
461†; Geographical conditions affect-
ing British trade: G. G. Chisholm,
XVIII. 424*; Do., that make great
commercial centres: A. F. Sears,
XIII. 98†; H. R. Mill's Lectures, II.
455; Index to reports ... on Trade,
etc., XI. 688†; Lesson plan for study
of a natural product: C. L. Poe, XVII.
327; Man and his markets: L. W.
Lyde, IX. 116†; Musée industriel:
P. Despiques, IX. 687†; Organisation

GEOGRAPHY

Geography—continued.

- d'une exploration économique et commerciale: Spire, XVII. 565 †; Précis de géographie économique: Dubois, Kergomard et Lafitte, XI. 688 †; XX. 472 †; Relativity of geographical advantages: G. G. Chisholm, VIII. 485; X. 654 †; Text-book of commercial geography: C. C. Adams, XIX. 408 †, 747 †; Tratado de geografia commercial: E. Courtaux y F. V. Guzman, XVI. 591 †; Uebersichten der Wirtschaftsgeographie: A. Oppel, VII. 683 †; X. 344 †; Wirthschaftsgeographische Statistik: Id., VIII. 633 †
- Comparative — Géographie comparée d'après Ritter et Peschel: S. Mehedintzi, XVII. 682 †; Vergleichende Erdkunde, etc.: H. Haug, IV. 474 †
- Complete geography: A. E. Frye, VII. 571 †
- Conception actuelle de la géographie: G. Lespagnol, XVI. 260 †
- Concetto e Limiti della Geografia: G. Marinelli, IV. 474 †
- Concrete Geography: C. F. King, XVII. 455 †
- Conference on Geography, Reports: I. C. Russell, VI. 397 †; VII. 434 §
- of Missionaries, XII. 547 †
- Conférence sur l'importance de la géographie, etc.: Annenkoff, VII. 119 †
- Co-ordination en géographie: L. Drapeyron, XII. 642 †
- Coup d'œil sur la géographie et ses divisions, etc.: A. de Claparède, XVIII. 344 †
- Curiosités géographiques: L. Poinard, VIII. 535 †
- Definitions and functions of geography, X. 309; XVIII. 409
- Dei limiti . . . della geografia: G. B. Siragusa, X. 345 †
- Erde und das Leben; Eine vergleichende Erdkunde: F. Ratzel, XIX. 242 †, 500 §
- Etudes géographiques: Venukoff, VIII. 535 †
- Evolution of geography: J. Keene, XV. 90 †
- Field of geography: Sir C. R. Markham, XI. 1 *
- Fragments of earth lore, etc.: J. Geikie, II. 282 †
- Function and field of geography: J. S. Keltie, XIV. 347 †
- Geography from nature: R. E. Dodge, VIII. 535 †
- of communications: Sir H. Tyler, X. 556 †
- of political boundaries, etc.: C. Förster, II. 283 †
- Geological aspects of geography, VIII. 181

GEOGRAPHY

Geography—continued.

- Geological Congress, International, geography at, XX. 660
- German geography: M. K. Genthe, XIX. 112 †
- Gesetze des räumlichen Wachstums der Staaten: F. Ratzel, VIII. 195 †
- Grenzen der Geographie: E. Richter, XVII. 219 †
- Grundriss der allgemeinen Erdkunde: W. Ule, XVII. 683 †
- Historical Geography, VI. 7, 373; Beziehungen zwischen Geographie und Geschichte: K. Kretschmer, XV. 446 †; XIX. 410 †; Etudes historiques et géographiques: E. T. Hamy, XI. 323 †; Geographical considerations on centres of civilization: F. Leveux, I. 188 †; Geschichte und Geographie: Festschrift für H. Kiepert, XII. 546 †; Landmarks of historical geography, XVIII. 410; Relations with history, III. 428; VI. 13, 15; Relations of geography and history: H. B. George, XVIII. 344 †; XIX. 627 §; Do.: F. W. Parker, III. 353 †, 428 §; H. J. Mackinder's lectures on, I. 157; II. 455, 547; in Europe and Asia, I. 157; Storia della Geografia antica: G. Ricchieri, XIV. 235 †; Tradizione geogr. del eta Romana: G. M. Columba, X. 460 †; Ueber Identifizierung antiker Oertlichkeiten: W. Ruge, XVI. 131 †; Wechselnde Phasen im geschichtliche Sehkreis, etc., XVI. 494
- History of Geography—Critical methods of historians of . . . discovery: J. Batalha-Reis, IX. 185 *; Dawn of Modern geography: C. R. Beazley, IX. 532 §, 686 †; XIX. 240, 498 §; History of ancient geography: H. F. Tozer, X. 234 †, 331 §; Humanismus in seiner Einflüsse auf Entwicklung der Erdkunde: S. Günther, XV. 558 †; XIX. 409 †; Il concetto di Geografia presso Strabone: A. Cossu, XV. 90 †
- Home geography: W. M. Davis, IX. 687 †
- Il Giubileo della nuova geografia: F. Porena, XII. 219 †
- Influence of geography on literature, IX. 434; on thought, IX. 433
- International geography, by seventy authors; ed. H. R. Mill, XIV. 691 †; XIV. 656 §
- Journal of Geography: R. E. Dodge, E. M. Lehnerts, and J. P. Goode, XIX. 383
- Kortfattat Geografi: H. Reusch, IX. 116 †
- Literature of geography: F. Campbell, VIII. 533 †
- Local geography, Cycling as means of studying, III. 147

GEOGRAPHY.

Geography—continued.

Local, Study of: H. R. Mill, XX. 251 †; Lois de la Géographie: C. de Mello, XX. 366 †

Mathematical — Mathematische Geographie... als empirische und mathematische Wissenschaft: K. Geissler, XIX. 238 †; Mathematischen und physischen Geographie: A. Wosnesenskij, XI. 321 †; Problemi di geografia matematica: F. Minutilli, XVII. 214 †; Year-book of astronomy and geophysics: H. G. Klein, IV. 382 †; XX. 252 †

Military Geography, Methods of: O. Barré on, XIV. 671; Military-Geographical institute in Vienna, VII. 91; Military topography: W. Verner, IV. 475 †; Outlines of: T. M. Maguire, XV. 239 §, 304 †, 676 †; War and Geography: T. C. Chamberlin, XII. 424 †; War maps: Sir T. H. Holdich, XVI. 492 †

Modern geography, German and English: H. J. Mackinder, VI. 367 *

Moderno indirizzo della Geografia: O. Marinelli, XX. 473 †

Mythological-geographical text: A. Wiedemann, XVI. 494 †

Nature of geography, XVIII. 413

Nouvelle géographie universelle: E. Reclus, III. 164 †; IV. 158 §

Organic geography: L. Miller, XVII. 455 †

Organization of geography: C. Dryer, XVII. 683 †

Periodicals relating to, XI. 689 †

Physical geography; at Vienna Congress, V. 266 *; Bedeutung De la Méthérie's für die Entwicklung der physikalischen Erdkunde: S. Günther, XVI. 110 §, 258 †; Beiträge zur Physikalischen Geographie: J. von Hegner-Rezelsfeld, IX. 344 †; Bergman's physical geography, XVIII. 628; Definition of physical geography: M. Yazu, XIII. 219 †; Elementary physical geography: R. S. Tarr, VII. 118 †; Erdkörper als Organismus: S. Günther, XX. 563 †; for sailors: W. Barker on, III. 523; Field work in: W. M. Davis, XX. 130 †; Géographie physique et géologie: S. Meunier, XX. 364 †; Grandes lignes de la géographie physique: A. de Lapparent, V. 398 †; Grundzüge der physischen Erdkunde: A. Supan, VII. 221 †; Leçons de géographie physique: A. de Lapparent, VIII. 65 §, 195 †; XII. 83 §; Limits between geology and physical geography, II. 518 *; Physical geography: W. M. Davis and W. H. Snyder, XIII. 460 †; (Review by H. R. Mill), XIV. 183 §; Do. for sailors, D. Wilson-Barker on, III. 523; Physio-

GEOGRAPHY

Geography—continued.

graphy and physical geography: R. A. Gregory, XVII. 454 †; Potamology as branch of: A. Penck, X. 619 *; Relation to other science subjects: W. H. Norton, XIX. 111 †; Staggemeier's general maps for illustrations of, II. 573 †; Standpunt der physische Geographie: J. Timmerman, VII. 683 †; Study of, W. M. Davis on, VI. 82; Trattato di Geografia Fisica: L. de Marchi, XX. 563 †

Political Geography—Aendringer i den politiske geographi: E. Elberling, XIV. 466 †; J. S. Keltie on, XII. 380; Limits and restrictions of, III. 128; Political geography and the Empire: Sir G. S. Robertson, XVI. 447 *; Politische Geographie: F. Ratzel, XI. 459 †; XIII. 171 §; Politisch-geographische Rückblicke: F. Ratzel, XII. 105 †; Ratzel's Politischer Geographie: O. Schlüter, XII. 641 †

Position of Geography in Cycle of Sciences: A. S. White, II. 178

Practical geography in Manchester: J. M. Reed, X. 345 †

Present standpoint of geography: Sir C. R. Markham, II. 482 *

— trend of: W. M. Davis, XI. 208 †

Primary geography: A. E. Frye, V. 188 †

Principes de la géographie moderne: M. Ardaillon, XVIII. 243 †

Principles of geography, XVIII. 413

Problems and methods of geography, VI. 374

Progress of—Bilan géographique du XIX^e siècle: Alexis, XVIII. 242 †; Entwicklung der Geographie im XIX. Jahrhundert: A. Hettner, XII. 441 §; do., in einigen Merkszahlen: W. Wolkenhauer, XVI. 260 †; Erdkunde in den letzten zehn Jahren: S. Günther, XI. 461 †; Forschungen und Reisen im Jahre 1898: J. M. Jüttner und P. Paulitschke, XV. 200 †; Do. im Jahre 1900: O. Lenz und E. Jung, XIX. 242 †; in Queen Victoria's reign, IX. 592; Progrès de la géographie pendant 1898: Baron Hulot, XIV. 237 †; Do. 1899, XVI. 260 †; Progressi della Geografia nel secolo XIX: G. Vedova, XVIII. 650 †; Rapport sur les travaux de la Société de Géographie, etc.: Baron Hulot, XII. 106 †; C. Maunoir, † VI. 588; VIII. 535; XII. 106; Recent advances in geographic knowledge: G. W. Littlehales, XII. 106 †; see Royal Geogr. Society

Regional geography: Bishop Creighton on, IX. 565; Studio della geografia di casa nostra: P. Gribaudo, XVII. 564; Un esempio nostrale... di

GEOGRAPHY

Geography—continued.

- monografie locali: O. Marinelli, XVII. 564 †
- Relation between geology and physical and political geography: C. Iwasaki, XIII. 100 †
- Research in geographical science: H. R. Mill, XVIII. 407 *
- Schools and Universities, Geography in: *see* Education
- Science—Geography as a science; H. R. Mill on, VII. 345; Do. in England: H. R. Mill, VII. 340 †; On definition of geography as a science, etc.: J. Batalha-Reis, VIII. 535 †; as natural science: W. Ule, XI. 303, 461 †
- Social Function of Geography: R. E. Dodge, XIII. 100 †; Geography as a sociological study: W. Ripley, IX. 114 †
- Some common geographical definitions: M. H. Curtin, XVI. 260 †
- Student's Geography in Bengali, etc.: S. B. Chattopadhyaya, IX. 469 †
- Superficie geologiche e superficie geografiche: O. Marinelli, XVI. 113 §, 260 †
- Theoretical geography, XIV. 483; letter from W. M. Davis on, VII. 557
- Use of practical geography illustrated by recent frontier operations: Sir T. Holdich, XIII. 465 *
- Verbreiten vom Standpunkte der Geographie: J. Reiner, XX. 472 †
- Victorian era in geography: H. R. Mill, IX. 686 †
- War and geography: T. C. Chamberlin on, XII. 424
- Zeitströmungen in der Geographie: E. Wisotzki, X. 346 †
- Geology** (*for special cases, see under specific countries, etc.*)—
- Address to Geological Section of British Ass.: Sir A. Geikie, XV. 88 †; XVI. 257 †
- Chemische Denudation—ein Chronometer der geologischen Zeitrechnung: Von Lozinski, XVIII. 340
- Circulation of salt and geological time: J. Joly, XIX. 238 †; Do., in its relation to geology: W. Ackroyd, XVIII. 647 †
- Elementary palæontology for geological students: H. Woods, II. 476 †
- Evolution of provincial faunas, and influence of . . . limestone formation, etc.: T. C. Chamberlin, XV. 88 †
- Geogenetische Beiträge: O. Kuntze, VI. 586 †
- Geological . . . relations of Europe and America during tertiary period, etc.: H. F. Osborn, XVI. 130 †
- aspects of geography, VIII. 181
- bibliography, E. de Margerie's, X. 332

GEOLOGY

Geology—continued.

- Geological Congress in Russia: C. Palache, XI. 107 †
- International, VIII. 303; XX. 660
- field class, London, XI. 544
- history of harbours: N. S. Shaler, V. 402 †
- maps and mapping—Atlas of U.S., VIII. 540; Formation as basis for geological mapping: E. C. Eckel, XIX. 660 †; Map of Europe, XIII. 222 †; of Germany: R. Lepsius, V. 286 †; of Africa S. of Zambesi: F. Struben, VIII. 94; Survey maps of England and Wales, † XX. 474, 566, 676; of District of Columbia, V. 487 †
- Society, Index to Quarterly Journal, X. 344 †; Literature added to Society's Library, † VI. 396; VII. 570; IX. 469; XVI. 375; XVIII. 460; Society of Australasia, Inaugural address: J. Stirling, X. 231 †
- Surveys: *see* Canada, United Kingdom, United States, etc.
- Geologische Klimate: A. Woeikow, VII. 117 †
- Nachlese, No. 7, Quellerträge: A. Heim, XI. 104 †
- und geographische Experimente: E. Reyer, V. 396 †
- Geology for beginners: W. W. Watts, XII. 545 †
- for schools: A. Kirchhoff, IV. 472 †
- in relation to geography: B. Dawkins, IV. 381 †
- of Government explorations: S. F. Emmons, IX. 342 †
- History of geology and palæontology: K. A. von Zittel, XIX. 406 †
- Limits between geology and physical geography, II. 518 *
- Open-air studies: G. A. J. Cole, VII. 567 †
- Phénomènes géologiques actuels, au point de vue de la géographie: C. Beaugrand, XVIII. 647 †
- Place of geology in education: J. L. Lobley, XIII. 100
- Relation of geology to engineering: B. Dawkins, XIII. 462 †
- to physiography: T. C. Chamberlin, III. 351 †; *see* Geography
- Some applications of physics and mathematics to geology: C. Chree, IV. 381 †
- Stratigraphical geology, principles of: J. E. Marr, XIII. 328 †; Student's Handbook of stratigraphical geology: A. J. Jukes-Browne, XIX. 660 †
- Studi . . . ipotesi e teorie geogeniche: P. T. Bertelli, XVIII. 239 †
- Text-book of Field Geology: W. H.

GEOLOGY

Geology—continued.

- Penning and A. J. Jukes-Browne, IV. 88 †
- Traces géologiques d'un ancien continent Pacifique: C. Burckhardt, XVIII. 340 †, 540 §
- Traité de géologie: A. de Lapparent, XV. 88 †, 287 §, 672 †
- Ultior basis of time divisions, etc.: T. C. Chamberlin, XV. 88 †, 650
- Use of local names in geology: C. R. Keyes, XII. 220 †
- Vorpontische Erosion: R. Hoernes, XIX. 660 †
- Geomorphogeny, VIII. 65
- Geomorphology** (see also Continents, Earth, Land-forms, and Oceans)—
- Brückner, E.; Die Feste Erdrinde und ihre Formen: A. Penck, XVI. 704 †
- Configuration of earth's surface: Lord Avebury, XV. 46 *
- Déformation tétraédrique de la terre et déplacement du pôle: M. Bertrand, XVI. 130 †, 232 §
- Erdoberfläche, Die: A. Penck, XI. 687 †; XVII. 98 †
- Etudes synthétiques sur la forme de la terre: R. de Girard, XII. 545 †
- Face de la terre: E. Suess, XI. 321 †, 440 §; XVI. 130 †
- Fjords, cirques, vallées alpines, et lacs subalpins: E. de Martonne, XVIII. 555 †
- Fleuves sous-marins: H. Benest, XVI. 704 †
- Gebirgshebung und Thalbildung: E. Richter, XVI. 373 †
- Gemmellaro, Idee morfologiche di: O. Marinelli, XVI. 257 †; Scritti morfologici di: Id., XVII. 215 †
- Geomorphologie als genetische Wissenschaft: A. Penck, VIII. 424 †
- Hydrologisch-topographische Grundbegriffe: S. Günther, XX. 363 †
- "Hylokinese" eine Vorläuferin der terrestrischen Morphologie: S. Günther, IX. 244 †
- Morfologia della superficie terrestre, etc.: T. Porena, † X. 342; XII. 439; XVI. 493
- Morphologie der Erdoberfläche: A. Penck, V. 184 †, 575 §; (Bemerkungen zu: F. Löwl), V. 396 †; A. Philipsson, IX. 244 †
- Morphometrie der Erdoberfläche: R. von Kövesligethy, XI. 205 †
- Oeuvre de M. Suess: A. de Lapparent, XVI. 373 †
- Oscillations eustatiques du niveau de base dans la formation des . . . terrasses, etc.: M. de Lamothe, XVIII. 340 †
- Soulèvements et affaissements: A. de Lapparent, XII. 545 †
- Symétrie tétraédrique du globe terrestre: A. de Lapparent, XVI. 130 †

GERBING

Geomorphology—continued.

- Topisch-genetisch: A. Neuber, XX. 130 †
- Ueber die Asymmetrie der nördlichen Halbkugel: E. Suess, XII. 638 †
- Valli aperte: C. Borzino, XVI. 493 †
- Geophysics** (see also Earth)—
- Handbuch der Geophysik: S. Günther, XI. 322 †
- Jahrbuch der Astronomie und Geophysik: H. J. Klein: see Astronomy
- Mouvement de rotation de l'écorce solide du globe: F. Folie, XV. 444 †
- Refroidissement de la croûte terrestre, etc.: J. Boussinesq, XVI. 373 †
- Termes de nutation insensibles pour la terre entière: F. Folie, XV. 444 †
- Vie physique de notre planète: A. Klossovsky, XV. 90 †
- Zunahme der Dichtigkeit . . . im innern der Erde: E. Oekinghaus, XV. 444 †
- George, C.: Rise of Br. W. Africa, XIX. 771 †
- , H. B.: Relations of geography and history, XVIII. 344 †; XIX. 627 §
- , L.: Excursion à travers le Mexique, XIX. 401 †; La republique Argentine, III. 534 †; La terre chaude Mexicaine, XV. 358 †
- Georgeson, C. C.: Possibilities of Alaska, XX. 127 †
- Georgia, Gold mining in: W. Tatham, XII. 435 †; Mammals of: see Florida
- Georgina basin, Stratigraphical notes, etc.: R. L. Jack, VII. 446 †
- Georlette, F. A.: Amérique Vespuce dans l'histoire et dans la légende, IV. 476 †; Contesté franco-brésilien, XVIII. 113 †; Itinéraire du voyage de Callao à Iquitos, XVII. 95 †; Limites entre la Brésil et la République Argentine, II. 280 †
- Geospheres, The: W. J. McGee, XIII. 219 †
- Gerando, A. de; biography: E. Reclus, XI. 689 †
- Gerard, J.; on egg of American pelican, VIII. 152
- , M. G., Sir T. H. Holdich, R. A. Wahab, and A. W. Alcock: Report on Pamir Boundary Commission, XIII. 320 †
- Gerasimoff, A.: Bering Is., etc., XI. 199 †
- Gerbers, H.: Eintheilung der Ostalpen, XVIII. 453 †
- Gerbi, Siam, VI. 527
- Gerbing, L.: Ausrottung der Raubthiere im Thüringerwald, VII. 676 †; Begleitworte zur Gewässerkarte von Südwestthüringen, XI. 448 †; Eiben des Ringganes, etc., XIX. 522 †; Laub- und Nadelwald im Thüringer-Wald, XVII. 426 §, 444 †; Strassenzüge von Südwest-Thüringen, XIII. 452 †

GERCHIN MOUND

- Gerchin mound, Euphrates valley, VIII. 320
- Gerding, Ob.: Bahn Swakopmund-Windhuk, XVII. 554†
- Gerdolle, H.: Walder Deutsch-Lothringens, VI. 96†
- Gere Gallas, VIII. 132
- Libin, VIII. 134
- Gerez, Promenade au: P. Choffat, VII. 439†
- Gerguess or Ngaroni mts., E. Africa, II. 535
- Gerhardt, P.: Handbuch des deutschen Dünenbaues, XX. 350†
- Gerim, Wadi, Tripoli, IX. 629
- Gerin, L.: L'habitant de Saint Justin, XV. 553†; Hurons of Lorette, XVII. 555†
- Gerini, G. E.: Early geography of Indo-China, X. 436§, 455†; Shan and Siam, XII. 208†; XIII. 321†; Siam's intercourse with China, XVII. 448†
- Gerlache, A. de: Belgian Antarctic expedition, X. 331; XII. 319; XIII. 542; XIV. 7; XVII. 198; Expédition antarctique Belge, XIV. 686†; Expéditions qui ont précédé celle de la *Belgica*, XVII. 96†; Voyage de la *Belgica*, XVII. 96†; XIX. 778†; XX. 448§
- and G. Lecointe (biography), XVI. 705†
- Gerland, G.: Das südwestdeutsche Erdbeben, VIII. 411†; Die italienischen Erdbeben, etc., XIX. 650†; E. L. A. von Rebeur-Paschwitz (biography), IX. 468†; Geographische Abhandlungen aus Elsass-Lothringen, I. 278†; on International earthquake observatories, VIII. 76; on present position of seismology, IX. 650; Stand der Erdbebenforschung, XI. 573†; Verteilung . . . der Erdbebenstationen in Deutschen Reich, XX. 551†; der Erdbebenthätigkeit in Italien nach M. Baratta, XIX. 244†
- Germain, A.: Projet d'une carte de la terre au 1:1,000,000, VII. 117†
- Germain and Laperrine: Journeys in Insalal district, XII. 412

Germany—

- Alpine Club—Register . . . Vereinschriften des Deutschen und Oesterreichischen Alpenvereins: J. Emmer, VIII. 535†
- A travers l'Allemagne du nord: XVII. 444†
- Bestimmung der Intensität der Schwerkraft, etc.: L. Haascmann, XIV. 330†
- Beziehungen zwischen der Witterung und den Ernte-Erträgen in Nord-Deutschland: W. Meinardus, XVIII. 225†
- Bibliography of Germany: P. Richter, VIII. 633
- Census, XVIII. 206

GERMANY**Germany—continued.**

- Cruising visit to battle fields: P. Bigelow, XI. 447
- Deutschland auf den Hochstrassen des Weltwirtschaftsverkehrs: A. Dix, XIX. 393†
- Einführung in die Heimatkunde: F. Ratzel, XIII. 555†
- En Allemagne: E. Müntz, XII. 92†
- Ergebnisse der Gewitter-Beobachtungen, VII. 108†; XI. 448†; Do. der Niederschlag-Beobachtungen, VII. 108†
- Ethnographie der germanischen Stämme: O. Bremer, XVI. 484†
- Expansion of Germany: H. Birch-nough, XI. 447†
- Fremde Volksstämme im Deutschen Reich: P. Langhans, VII. 108†, 225†
- Germanen am Schwarzen Meere: J. Hoops, IX. 233†
- Germans in Hungary, P. Langhans on, IX. 319
- Ground-plan of towns in Germany, O. Schlüchter on, XVI. 235
- Handbook for travellers: K. Baedeker, X. 118†; XVI. 484†; S. Germany, VI. 597†; XIX. 649†; Collection des Guides-Joanne, VIII. 527†
- Hausforschung und das neueste Werk Meitzens: K. Rhamm, IX. 676†; Heutige Stand der, etc.: Id., IX. 573†
- Katalog der Bibliothek . . . Deutschen Akademie: O. Grulich, VII. 570†
- Litauen, Landes- und Volkskunde: A. Zweck, XIV. 222†
- Medieval towns in: J. Birchall, X. 646†
- National Park for Germany, XIII. 65
- Naturbedingungen in ihrer Bedeutung für den Verkehr der Oberlausitz: G. Taute, VIII. 411†
- Obergermanisch-rätische Limes: R. Gradmann, XIV. 89§, 111†
- Säugetierwelt Deutschlands: P. Matschie, XX. 551†
- Siedelungen an der Hainleite: M. G. Schmidt, XVII. 444†
- Slawen in Deutschland: F. Tetzner, XX. 120†
- Städtebevölkerung Deutschlands, IX. 232†
- Starken deutschen Flotte: H. Hartmann, XVI. 570†
- Supposta fusione degli Italiani coi Germani nei primi Secoli del medioevo: C. Cipolla, XVII. 545†
- Volks Grenzen in Ost und West: G. Kossina, VII. 561†
- Volksdichte der . . . Provinz Oberhessen: G. Krausmüller, XVIII. 321†

GERMANY

Germany—continued.

- Volk und Land der Deutschen vom 10 bis zum 13 Jahrhundert: F. Vögeler, XIX. 650 †
- Vorgeschichtliche Bevölkerung auf deutschen Boden: B. Bruhns, XX. 350 †
- Colonies (*see also special headings*)—
- Atlases—Deutscher Kolonial-Atlas: R. Kiepert and J. Pertsch, I. 354 §, 384 †; P. Langhans, † I. 95, 478; II. 192; III. 443; IV. 479; V. 287; VIII. 314; IX. 692; X. 562; Do., Grosser: P. Sprigade und M. Moisel, XIX. 116 †; Kleiner, VII. 574 †
- Beiträge zur Kenntnis der Deutschen Schutzgebiete: P. Langhans, VII. 217 †
- Deutsche Kolonial-Gesetzgebung: Riebow und A. Zimmerman, XII. 220 †
- Kolonialliteratur: M. Brose, † X. 656; XIV. 467; XVI. 260
- Deutschen Schutzgebiete bei Beginn des Jahres 1898, XII. 220 †; Do., Entwicklung der, XVI. 495 †
- Deutsches Kolonial-Handbuch: R. Fitzner, XIX. 534 †
- Développement colonial allemand: A. Brisse, XVIII. 650 †
- Entreprise coloniales de la Prusse: L. Didier, XII. 104 †
- Etudes d'économie coloniale: H. Hauser, XVI. 495 †
- German Colonial Estimates (F. O. Rep.), XVI. 260 †
- Colonies, 1897 (F. O. Rep.), XII. 548 †; 1899, XVI. 591 †; 1900–01, XX. 251 †
- methods of development in Africa: C. T. H. Wright, XIX. 399 †
- Inhaltsverzeichnis . . . Mitt. aus den Deutschen Schutzgebieten: Baron von Danckelman, XII. 220 †
- Jahresbericht der Deutschen Kolonialgesellschaft, † VI. 397; VIII. 188; X. 461; XIV. 467
- Jahresbericht über die Entwicklung der Deutschen Schutzgebiete, † XII. 106; XV. 448; XVI. 495; XVIII. 243; XIX. 783
- Koloniales Jahrbuch: G. Meinecke † I. 284, 380; IV. 474; VI. 103; VIII. 535; IX. 688
- Kolonial-Handels Adressbuch, † XI. 461; XIV. 691; XV. 675; XVII. 457; XX. 131
- Koloniale Zeitschrift, XVI. 358 §
- Meteorologische Beobachtungen aus den Deutschen Schutzgebieten: K. Dove, XIX. 112 †
- Notes sur l'Empire colonial de l'Allemagne: H. Barré, X. 556 †

GERMANY

Germany—continued.

- Orthography of geographical names in, I. 435
- Progress in German colonies, VIII. 183
- Unsere Kolonien im Jahre 1900: Dr. Hillemanns, XIX. 112 †
- Verbrecherdeportation nach deutschen Kolonien: Count J. von Pfeil, X. 556 †
- Völkerkunde der deutschen Schutzgebiete: F. von Luschan, XI. 461 †
- Weissbuch, † VI. 103; VII. 442; IX. 688; XI. 575; XIII. 462; XVI. 495; XVIII. 243; XX. 365
- Commerce, communications, etc. (*see also Marine, below*)
- Agriculture, XV. 275; (F. O. Rep.) XII. 536 †
- Arabischen Tauschhandel in Norddeutschland, XIX. 393 †
- Briquetagegebiet von Vie, Deutsch-Lothringen: J. Marcuse, XIX. 393 †
- Canals and Rivers—Canaux en Prusse, XVIII. 321; Elbe-Trave canal, V. 379; Inland navigation; J. B. Whitehead's report, V. 378 §; Künstlichen Wasserstrassen im Deutschen Reiche: V. Kurs, XIII. 451 †; Navigation intérieure en Allemagne: M. L. Gallouédec, XVI. 361 †; Navigable rivers and canals, III. 529 †; River regulation works, etc.: L. Franzius and G. H. de Thierry, XIV. 110 †
- Coal—Brown coal mining in Rhineland, XIV. 110 †; Coal industry, XVIII. 433, 435; in Rhenish Westphalian Provinces, XII. 537 †; Zusammenhang . . . der deutschen Kohlenfelder: E. Holzapfel, XVII. 544
- Commercial development of: C. Rozenraad, XIV. 110 †
- education in (F. O. Rep.), XIII. 318 †
- . . . interests in, development of (F. O. Rep.), XIII. 555 †
- Economic position of German Empire in 1900 (F. O. Rep.), XVI. 243 †
- Klassen-Eintheilung des deutschen Exportmusterlagers: R. Jannasch, IX. 469 †
- L'essor industriel et commercial du peuple allemand: G. Blondel, XI. 565 †
- Railway mileage of Germany, II. 70
- Trade Rep., † XV. 293; XVII. 85; XVIII. 631
- Verbreitung von Industrie . . . im deutschen Reiche: P. Langhans, XV. 275 §, 600 †
- Wasserwerks-Bevölkerung im Deutschen Reiche: P. Langhans, XIX. 393 †

GERMANY

Germany—continued.

Wasserwirtschaftliche Vorlage in Preussen: W. Hochstetter, XVIII. 225 †

Wichtigsten Deutschen Seebandelsstädte: R. Reinhard, XIX. 650 †

Wirtschaftsgeographische Verhältnisse . . . im Ostfälischen Hügelland und Tieflande: W. Nedderich, XX. 551 †

Flora—

Existenzbedingungen der Nordwestdeutschen Heidefelde: E. H. L. Krause, VIII. 528 †; *see also* Meteorology, *below*

Flora und Pflanzendecke des Saalebezirkes: A. Schulz, XX. 551 †; Do. Mitteldeutschlands: Id., XX. 464 †

Latitude and plant-life; Ihne's observations, XVI. 680

Laubwaldflora Norddeutschlands: F. Höck, VII. 327 †

Nadelwaldflora Norddeutschlands: F. Höck, I. 467, II. 64

Pflanzen der Kunstbestände Norddeutschlands, etc.: F. Höck, XVI. 570 †

Saalebezirkes, Phanerogamen Pflanzendecke des: A. Schulz, XIII. 88 †; Verbreitung der halophilen Phanerogamen: Id., XX. 120 †

Vegetation der Erde, V., Die Heide Norddeutschlands: P. Graebner, XX. 551 †

Vegetationsformationen in norddeutschen Flachlande: P. Graebner, XIII. 311 †

Verbreitung der Waldbäume in Deutschland: H. Hausrath, XIX. 227 †

Yews in N.W. Germany; O. Drude's note on, VIII. 634; Eiben des Ringgaues, etc.: L. Gerbing, XIX. 522 †; Urwüchsige Eiben im nordöstlichen Deutschland: H. Conwentz, VIII. 647 †

Geography—

Bericht der Central-Kommission für wissenschaftliche Landeskunde: A. Penck, IV. 375 †

Bibliotheca Geographica: E. Richter, VIII. 647 †; X. 547 †

Deutschen Geographen der Renaissance: V. Hantzsch, XI. 460 †

"Geographentagen," V. 370; Eleventh, V. 589*; Twelfth, at Jena, 451; (H. R. Mill on), IX. 227, 645*; Deutschen Geographentage in Jena: E. Oberhummer, XI. 680; Riesengebirgs-Exkursion des XIII. Deutschen Geographentages: M. Friederichsen, XIX. 522 †

Geographical Education, IX. 660; Educational Congress, 1893, Geography, II. 162

GERMANY

Germany—continued.

Geographical Institute of Berlin University; publication by, XIX. 762

Geographic Instruction in: W. S. Monroe, IX. 687 †

Geographieunterricht an den preussischen höheren Schulen: H. Fischer, XIX. 227; an den deutschen Hochschulen, XIX. 242 †

German and English modern geography: H. J. Mackinder, VI. 367*
— geographers and German geography: M. K. Genthe, XIX. 112 †

Giessen, Society founded at, IX. 320

Litteratur zur deutschen Landeskunde: A. Kirchhoff und K. Hassert, XIX. 766 †

Naturschilderung bei den Deutschen Reisebeschreibern: K. O. Oertel, XV. 200 †

Orts-Lexikon des Deutschen Reichs: Neumann, IV. 576 †

School geographical excursions, I. 365; XI. 442, 443

Scientific exploration, XII. 2; Do. geography in, X. 311

Maps, etc.—

Anfänge der Kartographie von Deutschland: S. Ruge, XIX. 393 †

Colonial Atlas: *see above*, Colonies

Deutsche Flotten - Wandkarte: P. Langhans, XV. 451 †

Deutsche und Dänen in Nordschleswig: P. Langhans, XIII. 573 †

Deutscher Schulatlas: R. Lüddecke, V. 408 †

Geodetic Institute publications: *see* Geodesy

Geographisch-statistischer Taschen-Atlas des Deutschen Reichs: A. L. Hickmann, VIII. 197

Geological map: R. Lepsius, † IV. 477; V. 286; VI. 399; VII. 225, 686; IX. 350; X. 347

Geologischen Spezialkarte von Preussen, Erläuterungen zur, XV. 433 †

Konigl. Preuss. Landes-Aufnahme-map, † I. 573; II. 190, 570; III. 441; IV. 285; V. 93, 286, 610; VI. 492; VIII. 94, 538; IX. 247, 585; X. 558; XI. 210, 326, 463; XII. 442, 549; XIII. 222, 573, 690; XIV. 238, 348, 590; XV. 201; XVI. 135; XVII. 220, 684; XVIII. 651; XIX. 244, 411; XX. 677

Marine Atlas: P. Langhans, XII. 643 †

Murray's Handy Classical Maps: C. B. Grundy, XVI. 496 †

Obergermanisch-rätische Limes: R. Gradmann, XIII. 573 †

Radfahrer - Uebersichtskarte von Deutschland, etc.: P. Krauss, XIX. 113 †, 535 †

GERMANY

Germany—continued.

- Reste des Frisischen Sprachgebiet im Deutschen Reich: P. Langhans, I. 92 †
- Topogr. Bureau des Königl. Sachsen (map), III. 78 †
- Verteilung der landwirtschaftlichen . . . Bevölkerung: P. Langhans, XV. 201 †
- Vogel's Map, II. 570 †; Index, III. 78 †
- Wasserwerbs-Bevölkerung im Deutschen Reiche, XVIII. 651 †
- Wirtschaftlichen Beziehungen der deutschen Küsten zum Meere: P. Langhans, XVI. 135 †
- Marine—**
- Deep-sea expedition, XI. 302; XII. 494, 569; XIII. 5, 297, 640, 686 †; XIV. 10
- Deutsche Nordseeküste: R. Haage, XVI. 361 †
- Deutschen Seewarte: Jahres-Bericht über die Thätigkeit der, †IX. 245; XI. 107; XV. 675; XVII. 457; XIX. 242; Ueber die Thätigkeit der Deutschen Seewarte: Neumayer, VIII. 527 †
- Deutsche Ostsee- und Nordseeküste: R. Hansen, XVII. 85 †
- Deutsche Seehandelsschiffahrt: M. Lindeman, XI. 448 †
- Eisverhältnisse an der deutschen Küste im Winter 1899–1900: E. Herrmann, XVII. 206 †
- Marine atlas: P. Langhans, XII. 643 †
- Pêches maritimes en Allemagne, XIV. 453 †
- Wirtschaftlichen Beziehungen der deutschen Küsten zum Meere: P. Langhans, XVI. 220 §, 361 †
- Meteorology—**
- Abhängigkeit des Frühlingseintritts von den geogr. Breite: Dr. Inhe, XVII. 85 †
- Änderung der Temperatur . . . an der deutschen Küste: Dr. Grossmann, XIX. 522 †
- Distribution of rainfall in N.W. Germany: Moldenhauer's observations, VIII. 394
- Evaporation: A. Penck on, V. 483
- Gewitterkunde in Hohen Venn und der Eifel: P. Polls, XVIII. 321 †
- Häufigkeit der Frost-, Eis- und Sommertage in Nord-Deutschland: G. Schwalbe, X. 338 †
- Klima und Heide in Norddeutschland: P. Graebner, VIII. 306 †
- Meteorologischen Institute, Bericht über: W. von Bezold, X. 647 †; Ergebnisse der Beobachtungen, XI. 448 †; Jahrbuch, IV. 382 †; XIII. 555 †; Veröffentlichungen, †X. 647; XII. 427; XIV. 453; XV. 661; XVI. 484

GERMANY

Germany—continued.

- Niederschläge im nordwestlichen Deutschland: P. Moldenhauer, VII. 439 †
- Sonnenschein im deutschen Küstengebiete: H. König, VIII. 528 †
- Versuch einer Darstellung der Isothermen des Deutschen Reichs: P. Perlewitz, XX. 239 †
- Physical Geography (*see also* Marine above)—
- Allgemeine Versammlung der Deutschen geologischen Gesellschaft, XIV. 111 †
- Baltic Lake-plateau: *see* Baltic Sea
- Bemerkungen zu . . . "Geologie der Umgegend von Frankfurt:" G. Klemm, XVIII. 631 †
- Deutschlands natürliche Gliederung: A. Kirchhoff, IX. 232 †
- Dunes—Deutschen Dünen und ihr Bau: E. Roth, XVI. 484 †; Handbuch des deutschen Dünenbaues: P. Gerhardt, XX. 350 †
- Erdbebenstationen in Deutschen Reich, Ueber Verteilung . . . der: G. Gerland, XX. 551 †; Südwestdeutsche Erdbeben: G. Gerland, VIII. 411 †
- Geologische Erforschung der Nordseewatten: E. Traeger, XVIII. 632 †
- Lakes—**
- Einsturzbecken in nord-westlichen Thüringen und in der Vorderrhön: W. Halbfass, XIX. 650 †
- Oberelsässischen Seen und Stauweiher: L. G. Werner, XVII. 206 †
- Periodische Seespiegelschwankungen: H. Ebert, XVII. 661 †
- Landschaftsformen des Nordwestlichen Deutschlands: W. Detmer, X. 647 †; XI. 88 †
- Norddeutschen Flachlandes, Endmoränen des: F. Wahnschaffe, XVIII. 225 †; Glacial Bildungen des: Id., XIX. 393 †; Oberflächengestaltung des: F. Wahnschaffe, XVII. 544 †; Do. und ihre Entstehung: K. Keilhack, XIII. 88 †, 299 §
- North-German lowland: B. F. Adler, XVII. 544 †
- Rivers—Flussnetz Thüringens vor der ersten Vereisung: E. Wüst, XVIII. 615 §, 631 †; Hans Sachs und sein Gedicht von den 110 Flüssen des deutschen Landes: H. Zimmerer, VIII. 647 †; Geography of N. German rivers, IX. 423; XVI. 552; Norddeutschen Fluss-Systeme: P. Herden, XIII. 88 †, 299 §
- Tektonische Thäler und Erosionsthäler, etc.: E. Zache, XII. 427 †
- Tertiary and diluvial deposits of N.

GERMANY

Germany—continued.

- Germany; H. J. Hass on the, II. 166
 Topographischer Führer durch das nordwestliche Deutschland: Hahn, VI. 483 +
 Verlauf der diluvialen Eiszeit in Schwaben: W. Götz, XIX. 650 +
 Vulkanischen Ries bei Nördlingen . . . Erklärung des: W. Branco und E. Fraas, XVIII. 321 +
 Géronville, Histoire de la commune de: Abbé N. J. Lenoir, XIII. 674 +
 Gerrha, site and history, IX. 311
 Geruan tribe, Morocco, IX. 639
 Gervais-Courtellemont: see Courtellemont
 Gesenke, Eine Pass-Studie: R. Fox, XIX. 103 +
 Gesner, A.; biography: G. F. Matthew, XI. 574 +
 Gessert, F.: Land zwischen Inachab und Bethanien, XVI. 250 +; Reise längs der Flussthäler . . . Grossnamalandes, X. 649 +; Reise von Bethanien nach Garis im Namaland, XIII. 93 +; Seewind Deutsch-Südwestafrikas, XI. 198 +; Zur Harmattan-Frage, XVI. 251 +
 Gettysburg bank: see Gorringe
 Geysers—Conditions affecting eruption: T. A. Jagger, XII. 103 +; Experiments with an artificial geyser: J. C. Graham, I. 185 +; in Iceland, III. 265, 279
 Gezer, History and site of: R. A. S. Macalister, XX. 556 +
 Ghaibun, Ruins at, III. 203
 Ghan, Wadi el; Tripoli, VI. 385; VII. 160
 Ghara, N. Africa, X. 598
 Gharian, Tripoli, VII. 158
 Ghât (Tripoli), Dernier rapport d'un Européen sur: H. Schirmer, XIII. 93 +
 Ghats; Geology of Western, III. 179
 Ghazal, Bahr-el-: see Bahr-el-Ghazal
 Ghent, Trade Rep., XVII. 543 +
 Gherardo, Argentina, XI. 686 +
 Gherasimoff, A. P.; Glaciation of N. Siberia, XVIII. 519 +
 Ghersid, Wadi, Arabia, VI. 121
 Ghewy, A. B.: Municipal government for London, XIV. 113 +
 Gheyne, R. P. van der: Populations danubiennes, XV. 435 +
 Ghika, Prince N. D.: Cinq mois au pays des Somalis, XII. 304 §, 325 +; Expédition au pays des Somalis (Map), XI. 579 +; O călătorie prin țara Somalilor, X. 229 +
 Ghilzai tribe, Afghanistan, IX. 395
 Ghiuda, Wadi; S. Arabia, XII. 57
 Ghose, R. N.: Geography and map-pointing, XVIII. 243 +; Memoirs of Maharaja Nubkissen Bahadur, XIX. 782 +
 Ghost-dance religion and Sioux outbreak: J. Mooney, XI. 98 +
 Ghubra el Tam, Arabia, VII. 529
 Ghumrasen, Tunis, XI. 593

GILBERT

- Ghurka scouts, XII. 359
 Giacomelli, F.: Latitudine di Monte Mario, XVI. 362 +
 Giamo-Nu-Chu, river, Tibet, II. 492
 Giannitrapani, D.: La regione alpina, XIV. 111 +
 Gibb and Arthur; on roads in Br. E. Africa, V. 80
 Gibbe river, Abyssinia, XV. 107
 Gibbon, E., as geographer: Sir C. R. Markham, IV. 561
 —, L.; descent of Mayu-tata, XVIII. 146
 Gibbons, A. St. H.; explorations in C. Africa, VII. 662; XI. 668; XII. 4; XIV. 93; XV. 64, 282, 644; XVI. 104; Exploration and hunting in C. Africa, XI. 313 +; XII. 301 §; Explorations in Marotseland, XVII. 106*; Journey in Marotse and Mashikolumbe countries, IX. 121*; Marotseland and tribes of Upper Zambezi, XII. 325 +; Nile and Zambezi as waterways, XVIII. 232 +; remarks on "Journeys in Linyanti region," XVII. 585; Through the heart of Africa, XX. 354 +
 Gibbs, J.; tour through Br. C. Africa, IX. 664
 Gibbs, J. W.: Biography of A. H. Newton, X. 555 +
 Giberne, A.: The mighty deep, XIX. 239 +, 365 §
 Gibraltar—
 Ceuta and Gibraltar: J. F. Crease, XX. 240 +
 Past and future of: J. Adye, VI. 580 +
 Reports (Colonial), XV. 435 +; XVII. 518 +
 Gibson, J.: Chemical composition of seawater, VIII. 424 +
 Gidicho people, E. Africa, XX. 384
 Giesenhausen, K.: Auf Java und Sumatra, XIX. 769 +; XX. 442 §
 Giessen, Geographical Society at, IX. 320
 Giffen, Sir R.: Excess of imports, XIV. 113 +; Relative growth of component parts of the Empire, XIII. 688 +
 Gifford, J.: Forest fires in New Jersey, VIII. 419 +
 Giglio I.—Insel Giglio: Archduke Ludwig Salvator, XVI. 572 +
 Giglioli, E. H.: "Cambarysù" telefono dei Catuquinari, XVII. 453 +; Congresso Geografico Internazionale, VII. 340 +; Eta della pietra nella Cina, XVII. 446 +; Etnologia all' Esposizione di Torino nel 1898, XVII. 456 +; Moneta tra popoli primitivi, XIV. 234; Strumenti litici . . . in uso nell' Europa, XVII. 443 +
 Gijeda-hanang, mt., E. Africa, XII. 190
 Gilbert, A. J.: Canada's proposed new front door, IX. 682 +
 —, G. K.: Boulder-pavement at Wilson, N.Y., XIII. 681 +; formation of lake basins by wind, VI. 187; gravity

GILBERT

- measurements in U.S.A., VI. 572; John Wesley Powell, XX. 675†; Modification of the Great Lakes by earth-movement, XI. 96†; Niagara Falls and their history, XI. 201†; Origin of hypothesis, VII. 684†; Origin of physical features of U.S.A., XII. 435†; XIII. 216†; Report on geological examination of . . . gravity stations, X. 233†; Underground water of Arkansas valley, XI. 317†
- Gilbert, Sir H.: death of: D. Brymmer, XII. 104†; Termination of expedition of: Rev. G. Patterson, XIV. 235†
- and Marshall; visit to Gilbert Is., VI. 331
- Gilbert or Kingsmill Is., VI. 331; Gilbert Is.: C. M. Woodford, VI. 325*; Report (Colonial), XIX. 237†; Tattooing of the Gilbert Islanders: O. Finsch, IV. 87†; Visit of the *Peacock* and *Flying-fish* to, VI. 338
- Gildemeister, T.: Lesson upon latitude and longitude, XVII. 326†
- Gilchrist, J. D. F.: Temperature and salinity of sea around the Cape peninsula, XX. 355†
- Gilder, Colonel; proposed expedition to North Magnetic Pole, I. 170
- Giles, E.: biography, XIII. 99†; obituary, XI. 78
- Gilgit—
- Chilas, Nanga Parbat, etc., Photographs of: G. Hastings, XI. 332†
- Life in Gilgit: G. H. Bretherton, XIII. 90†
- Making of a frontier, The: A. Durand, XV. 191†
- Mud avalanches, II. 291
- Notes on geology of: C. A. McMahon, XVI. 365†
- Gillies (Gilles) Land, New Iceland, or White I., Arctic, VIII. 549; IX. 95; XI. 124, 128; XIII. 75; XIV. 67, 170; letter from A. G. Nathorst on, IX. 101
- Gil-i-Shah pass, Bakhtiari mts., IV. 492
- Gill, Sir D.: Biography, VII. 339†; Proposed survey of Brit. S. Africa, X. 441; Report on Geodetic Survey of S. Africa, VIII. 531†; Report of H.M. Astronomer, Cape of Good Hope, XIV. 667§, 681†; XVI. 474§, 488†; XIX. 90§, 398†; XX. 355†; Rediscussion of Bailey's and Fourcade's surveys, XX. 357†
- , F.: Indian sugar-canes, XVII. 550†
- , G.: British Colonies, Dependencies, etc., VIII. 533†
- Gillain: Explorations between Sankuru and Lomami, VI. 283
- Gilles: Le bassin houiller du Nord, VI. 292†; VII. 438†
- Gilles Land: *see* Gillies
- Gillespie, A. L.: Weather, Influenza, and Disease, XII. 103†
- Gillett, F.: Photographs of Somaliland,

GIROTTE

- VII. 452; remarks on "Expedition through Somaliland," VIII. 237
- Gillett river, Somaliland, V. 126
- Gillie, J.: Roggewein's voyage, XVIII. 242†
- Gillies or Otovia mt., New Guinea, IX. 449
- Gillis, L.: *see* Delporte
- Gillis Land: *see* Gillies
- Gilman, S. C.: The Olympic Country, VIII. 313†, 399§
- Gilmour, J.: More about Mongols, II. 89†
- Gilpin, E.: Coal-mining in Pictou County, XII. 213†; Undeveloped coalfields of Nova Scotia, IX. 682†
- Gilyak language: R. von Schrenck, P. von Glehn, and W. Grube, I. 468†
- Gindre, H.: En Afrique australe et à Madagascar, X. 552†
- Ginea, Abyssinia, VIII. 126
- Ginkgo polaris, IX. 490
- Ginseng trade of Manchuria, IV. 541, 543
- Giordani, C.: Geografia di Casa nostra, VIII. 648†
- Giorgi, C. de: Il porto di Brindisi, XVIII. 103†; L'orografia delle Puglie, etc., X. 451†
- Gipps, F. B.: Lake George as site for federal capital of Australia, XIX. 403†
- Gipsies—Wörterbuch . . . der deutschen Zigeuner: R. von Sowa, XIII. 101†
- Gira river: *see* Ikore
- Girard, B.: L'île de Mételin, XIX. 523†
- , J.: Caractères des estuaires, I. 89†; Embouchures des fleuves, V. 185†; Fluctuations du niveau des mers, XVI. 589†; Géographie littorale, V. 185†; Phénomènes d'érosion, XIII. 686; Phénomènes éruptifs sousmarins, VII. 568†; Sédimentation comparée, XI. 458†
- , R. de: Enseignement de la géographie, XVI. 133†; Etudes sur la forme de la terre, XII. 545†
- Girardin, P.: Les dunes de France, XVIII. 225†
- Giraud, H.: Itinéraires de Mogador à Marrakesh, XVI. 369†
- , J.: La géologie du Transvaal, XX. 246†; *see* Laeroix, A.
- , V.: biography, XIII. 570†; death, XIII. 203; visit to lake Bangweolo, XII. 242
- Giriama hill-lands, E. Africa, IV. 302
- Giroud: Dix ans de Haut-Tonkin, XIII. 89†
- , P.: Anciens glaciers et alpinistes préhistoriques, IX. 334†
- Gironde—
- Carte géologique . . . régions naturelles de: E. Fallot, IX. 335†
- Gironde de Pauillac à la mer: A. Hautreux, XIII. 87†
- Température dans le département: F. Courty, XVII. 206†
- Girotte, lake, Savoy, I. 544

† Bibliographical entry.

§ Review or analysis.

GIROUARD

- Gironard: L'expédition du Marquis de Denonville, XVII. 451†
 Girthi river, Tibet, XV. 165
 Gish, war-god of Kafirs, IV. 209
 Gishin, S. Arabia, XX. 226
 Gislason, Rev. Oddo, History of (Iceland): F. A. Walker, V. 179†
 Giulianetti, A.: explorations in Owen Stanley mts., XII. 318
 Gizeh, great pyramid of, Construction: E. M. Watson, XX. 669; Ueber das Alter des Sphinx bei Gizeh: L. Borchardt, X. 649†
 Glaces de Terre-Neuve et notre climat: Hauteux, IX. 345†
 Glacial Epoch—
 Another possible cause of the glacial epoch: E. Hull, XV. 89†
 Causes of the ice age: W. Upham, XI. 103†
 Climat des temps glaciaires: H. Arctowski, XIX. 532†
 Divisions of the ice age: W. Upham, XIX. 661†
 Effects of, X. 379
 Einige Worte über die Eiszeit: E. Roth, XIX. 661†
 Eiszeit-Problem: R. Credner, XX. 674†
 Faits nouveaux . . . relatifs à la période glaciaire: D. Martin, XX. 472†
 Fiction of ice age: F. D. Longe, XX. 674†
 Ice-age and its work: A. R. Wallace, III. 256†
 — past and coming: C. A. M. Taber, XIII. 331†
 Mean temperature of atmosphere and causes of glacial periods: H. N. Dickson, XVIII. 516*
 Nouvelle théorie des anciens glaciers: A. de Lapparent, XI. 206†, 441§
 Om aarsagen til Istiden: F. Velschow, IX. 244†
 Relation of change of level to interglacial periods: A. P. Coleman, XIX. 661†
 Working hypothesis of cause of glacial periods: T. C. Chamberlin, XV. 89†, 556†
 Glacier Bay and its glaciers: H. F. Reid, IX. 342†; Discovery of: E. R. Seidmore, VIII. 312†, 401
 — lake, Canada, XIII. 368
 — mts. or Kees Gebirge, Pinzgau, IX. 660
 Glaciers, Glaciation—
 Glaciation, meaning of term, XIX. 389; of lake-beds, IV. 241; glaciers of Antaretic, XIV. 556; ice-grain of, XIV. 557; movements, I. C. Russell of, VIII. 74; origin, III. 229; study of, XX. 415
 Work, traces, etc.—in Faeroes, VII. 6; Franz Josef Land, VIII. 554; Greenland, N., V. 350; Himalayas, XV. 411;

GLACIERS

- Glaciers, Glaciation—*continued*.
 Iceland, III. 264; XIII. 485; XIII. 498; Mexico, VI. 425; Newfoundland, Labrador and S. Greenland, V. 274; Russia, XII. 184; Siberia, N., IX. 488; Spitzbergen, IX. 365; (E. J. Garwood on), XV. 183
 Advance and retreat of sea-ending glaciers: letter from Sir M. Conway, XIV. 672
 Arbeiten der internationalen Gletscher-Kommission: E. Richter, XIII. 460†
 Abrasion glaciaire, Note complémentaire: H. Arctowski, XX. 563†
 Bedding, foliation, and movement of glacier ice: H. Crammer's observations, XIX. 512
 Beitrag zur Gletscherkunde der Tropen: H. Meyer, XIX. 780†
 Bewegungsrichtungen des diluvialen Inlandeises: J. Petersen, XIV. 123†; XVI. 493†
 Boring in Hintereisferner, Results of, XX. 534
 Commission internationale des glaciers: F. A. Forel, VII. 220†
 Dépôts glaciaires, etc.: W. Kilian et A. Penck, VII. 220†
 Do glaciers excavate? T. G. Bonney, I. 481*
 Ergebnisse und Probleme der Gletscher-Forschung: E. Richter, XIV. 232†, 316§
 Erscheinungen, welche einem Gletschervorstoss vorausgehen: S. Finsterwalder, XIX. 780†
 Galets striés et terrains d'origine glaciaire: S. Meunier, XX. 563†
 Gegenwärtige Standpunkt der Lehre von der Glacial-Erosion: S. Günther XIX. 661†
 Glacial Cañons: W. J. McGee, IV. 381†
 — erosion at Loch Lochy: W. T. Blandford, XV. 530§, 662†; in France, Switzerland, and Norway: W. M. Davis, XVII. 545†
 — formations in E. Finland; J. E. Rosberg's observations, I. 545
 — geology of Arctic Europe: H. W. Feilden, IX. 102† (Prof. Bonney on) XVI. 495†
 — land-forms of margins of Alps: H. R. Mill, V. 68*
 — studies in Greenland: T. C. Chamberlin, V. 286†
 — succession in Europe: J. Geikie, IV. 88†
 Glaciation and Lake-basins of subalpine Switzerland, C. S. Preller, VII. 655
 — in Rila Mts.; J. Cvijić on, XIII. 427
 — of Reisen-Gebirge during Ice-age, IV. 269§, 280†
 Glacier lake near Eidfjord, Norway: R. Munro, VIII. 412†

GLACIERS

Glaciers, Glaciation—*continued*.

- Glaciers and forests of W. Caucasus; N. A. Busch's report, XIII. 428
- Glaciers de la région française: Prince R. Bonaparte, VIII. 188 †
- et les phénomènes glaciaires: C. Rabot, XX. 363 †
- et période glaciaire: L. du Pasquier, VII. 567 †
- Glaciers of Kangehenjunga: D. W. Freshfield, XIX. 453 *
- of New Zealand, Ancient: Capt. F. W. Hutton on, I. 359
- of N. America: I. C. Russell, XII. 553 †; XIII. 216 †
- of S.E. Alaska, Notes on: O. J. Klotz, XIV. 523 *
- of Spitsbergen, Exploration of: Sir W. M. Conway, XII. 137 *
- Glacio-marine deposits on Grinnell Land and N. Greenland, IX. 521
- Gletscherconferenz im 1899: E. Richter, XVI. 233 §, 257 †
- Gletscher Norwegens: E. Richter, IX. 233 †
- und Firnmeere: R. E. Petermann, XVI. 257 †
- von Sulitelma und Älmajalos: J. Westman, XIV. 676 †
- Ice-grain in glaciers, Size of: J. Y. Buchanan, XIV. 557 †; XIX. 111 †
- Influence of *débris* on flow of glaciers: I. C. Russell, VII. 220 †
- Karstformen der Gletscher: R. Sieger, VII. 220 †
- Kettles in glacial lake deltas: H. L. Fairchild, XIII. 97 †
- Topographie glaciaire en Auvergne: M. Boule, VIII. 188 †, 426 †
- Ueber die festen Aggregatzustände . . . der Gletschertheorie: R. Danneberg, XV. 672 †
- Valley glaciers of Nugsuak pen.: R. S. Tarr, X. 342 †
- Variations of glaciers: H. F. Reid, VI. 395 †
- Variations périodiques des Glaciers: Finsterwalder et Muret, XIX. 407 †; Forel, III. 434 †; IV. 172 §; E. Richter, XII. 638 †; XV. 198 †; XVIII. 239 †; Variations in Length of Glaciers: C. Rabot on, XIX. 194
- Gladstone Colony . . . Australian history: J. F. Hogan, XI. 571, 670 §
- Glaisher, J.; balloon observations, VII. 542
- Glaceaud, P.: Nappes de glace . . . dans les volcans d'Auvergne, XVIII. 307 §, 454 †; Volcan de Gravenoire, XVI. 360 †
- "Glanures" spéléologiques sur le Causse de Gramat (Lot): Abbé Albe, XI. 564 †
- Glareanus—De Henrico Glareano et antiquissima forma Americæ: A. Elter, X. 329 §; XI. 323 †

GLOBE

- Glaser, E.: Bemerkungen zur Geschichte Altabessinens, etc., IV. 577 †; Der Damm von Märib, XI. 194 †; Die Abessinier in Arabien und Afrika, VI. 582 †
- Glasgow—
- Cyclist's road map: J. Bartholomew, XIV. 468 †
- Geography at British Ass., 1901, XVIII. 508
- Local industries of: A. McLean, XX. 122 †
- International exhibition, Plan of: W. and A. K. Johnston, XVIII. 244 †
- Municipal organisation, etc.: Sir J. Bell and J. Paton, IX. 235 †
- Road map of county of city of: A. B. McDonald, III. 441 †
- Glass, J. G. H.: Concessions of Peking Syndicate, etc., XV. 435 †; XVI. 346 §; Landslip at Gohna in Garhwal, VII. 677 †
- Glauning, Lt.: Observations in region of Lake Rukwa, XV. 178: *see* Hermann —, and E. Kohlshütter: Pendulum observations in E. Africa, XVI. 352; Expedition, XIX. 639
- Glave, E. J.: Six years . . . in Congo Land, I. 469 †; Reise vom Tanganjikasee zum Kongo, XI. 93 †; von Nyangwe nach Matadi, XII. 433 †
- Glaw pass, Atlas mts., V. 322
- Glazier, W.: expedition to Labrador, XX. 542; Headwaters of Mississippi, etc., II. 565 †
- Gleave, J. J.: Yorkshire dales, XVIII. 548 †
- Gledhill, E.: Photographs of Colombia, VI. 300; XIII. 336
- Gleichen, Count: Handbook of Sudan, XIII. 562 †; On spelling of Morocco, VI. 283; Report on Nile, etc., XIII. 562 †; With the Mission to Menelik, IX. 452 †; XII. 304 §
- Gleig, C.: Village in New Forest, XIX. 651 †
- Glenderamaekin beck, VII. 610
- Glenarry and Glenquoich, Place-names in: E. C. Ellie, XII. 627 †
- Glenn, L. C.: Applied physiography in S. Carolina, X. 457 †
- and Abercrombie: Reports of Explorations in Alaska, XVIII. 233 †
- Glenridding beck and delta, VI. 148
- Glimpse of the War: C. E. Callwell, X. 453 †
- Globe (for physiography, *see* Earth, Continents, etc.—
- A great globe: E. Reclus, XII. 401 †; Ein grosser Globus, XIII. 327 †
- Eight small historical Globes: G. Philip & Son, VII. 343 †
- Erd- und Himmelsgloben: M. Fiorini and S. Günther, VI. 587 †
- Facsimile of silver globe presented to Gustavus Adolphus: J. Hauer, I. 384 †

GLOBE

Globe—*continued*.

- First globe containing name America, XVIII. 220
 Globus Biblioteki Jagiellónskiej z pozaczków, XVI. 409 †
 Herstellung von Globusscheiben: V. Maes, XX. 363 †
 Notizie . . . Mappamondo e globo terrestre: D. Marzi, XVIII. 242 †
 Nouveau Globe verrazanien, VII. 222 †
 Projet de construction d'un globe terrestre: E. Reclus, VII. 117 †
 Proposed gigantic model for London, VIII. 303
 Seventeenth-century globe at St. Petersburg Academy of Sciences, XVIII. 219
 Sfera cosmografiche e . . . terrestri: M. Fiorini, IV. 580 †
 — terrestri e celesti di autore italiani: Fiorini, XVIII. 238 †
 Sur la construction des globes: C. Pomba, IX. 111 †, 244 †
 Use of globe in study of crystallography: J. Y. Buchanan, VIII. 423 †
 Globigerina ooze, XIV. 433; XIX. 693, 697, 706; of Antarctic Ocean, III. 20; Southern Ocean, VII. 539
 Globus and Ausland, German geographical journals, III. 149
 Glorie: Journey east of Upper Congo, XIII. 303
 Gloucestershire; Murray's Handbook, VI. 581 †
 Gloy, A.: Siedelungskunde Nordalbingens (Schleswig-Holstein), I. 373 †, 453 §
 Glück, L.: Reisen in Albanien, VIII. 646 †
 Glukhovsky; exploration of Amu-daria, VIII. 515
 Gmunden-See—
 Morphogenie der Schotterhügel und Terrassen am Nordende des: J. R. L. von Liburnau, XX. 349 †
 Seiches in; K. Schulz's observations, XIII. 656
 Temperaturbewegung der Gmundner oder Traunsee's: G. A. Koch, VI. 395 †
 Gnome glacier, Greenland, XI. 216
 Goa: O. Baumann, VIII. 309 †
 Topographical Survey of, V. 78
 Trade Rep., XVI. 577 †
 Villages in early sixteenth century: B. H. Baden-Powell, XVI. 123 †
 Goajiro Indians — Rio Hacha et les Indiens Goajires: H. Candelier, II. 380 †
 Gobeler, E.: Forschungsreise des Abbé Le Camus nach Kleinasien, VIII. 308 †
 Gobi-Altai, XI. 428
 Gobi desert, V. 262; XX. 312; fossils, XVIII. 619
 A travers le desert du: R. P. Verwilghen, XIX. 230 †
 Jungarian Gobi, XVIII. 519

GOLBIN

Gobi desert—*continued*.

- Kozloff's explorations, XVII. 303; XIX. 580, 597; Nachrichten von der Expedition P. K. Koslows: Krahmer, XVIII. 229 †
 Gobwen, Somaliland, I. 210
 Gocher, H.: Four hundred miles in Sarawak, XIV. 679 †
 Godar-i-Shah, Afghanistan, IX. 407, 411
 Goddam mts., Arabia, XII. 49
 Goddard, Mt., and vicinity: T. S. Solomons, VII. 444 †
 Godden, G. M.: Nágá and other frontier tribes of N.E. India, X. 549 †
 Godfrey's Tank, W. Australia, XI. 272
 Godfrey-Fausett, Lt.: Note to sketch-map of Upper Kuyuni, VII. 451
 God-i-Murda, pass, Persia, IV. 491
 God-i-zirreh, lake, Afghanistan, IX. 400
 Godley glacier, New Zealand, I. 39
 Godman, F. D.: Biologia Centrali-Americana: *see* America, Central
 Godthaab—
 Danish Polar observations at, IV. 69
 Eskimos of, Echoes from first Nansen expedition: II. 566 †
 Godwin Austen, H. H.: Bimtan and the Himalayas, etc., V. 180 †; Explorations of Mustagh mts., II. 290; letter on F. Drew's woodcut of Peak K₂, III. 431; on map of Kashmir, XV. 657; on nomenclature of Karakoram peaks, I. 177, 368; remarks on "Explorations in Mustagh mts.," II. 300; on limits between geology and geography, II. 533
 Godwin Austen peak: *see* K₂
 Goebel, K.: Ueber . . . der Anpassungserscheinungen bei Pflanzen, XV. 673 †
 Goedorp, V.: Chez les Somalis, XV. 194 †
 Goeldi, E. A.: Fahrt nach dem Littoral des südlichen Guyana, etc., X. 341 †; Forschungsreise nach dem Oberlauf des Rio Capim, XI. 435, 455 †; Supplemento Illustrativo a obra "Aves do Brazil," XVIII. 644 †; Zum Klima von Pará, XX. 671 †
 Goering, A.: Vom tropischen Tieflande zum ewigen Schnee, VI. 490 †
 Goetz, W.: Ueber seine Wanderung im Centralbalkan, XVII. 543 †
 Goetz, B.: journey to Pamirs, VIII. 249
 Gohna, India: Landslip at, IV. 162 *: (J. H. Glass), VIII. 677 †; bursting of Gohna Lake; G. Lubbock on, IV. 457; Report: T. H. Holland, IV. 376 †
 Goil, Loch; area, temperature, etc., IV. 345, 347
 Gokcha lake, Fluctuations of level of: W. Belck, IV. 86 †; T. M. Hughes on, XI. 666
 Goklan Turkomans, Persia, X. 574
 Goko or Ngoko river, C. Africa, X. 441; Exploration of, XVII. 431; Gründung der Station am, XV. 194 †
 Gokun river, Persia, IV. 483
 Golbin Gobi, V. 263

GOLCONDE

Golconde africaine, La: J. Leclerc, V. 283 †
Gold—

- Mining records, etc.—Alaska, IX. 667;
Bokhara, XIV. 606; Br. Guiana, III. 334; Canada, VIII. 484; Costa Rica, X. 73; Kelantan, IX. 33; Tibet, XV. 394; Yukon, XII. 30
Ancient gold mines in N. Sudan and Egypt, VIII. 345, 348, 354
Discovery of gold in Australia, VIII. 193 †
Field testing for gold and silver: W. H. Merritt, XVI. 495 †
Géographie de l'or: de Foville, X. 345 †
Gold and silver and money of the world: L. C. Probyn, VII. 340 †
Goldfields of Br. Columbia and Klondike: F. Merritt, XII. 326 †
——— of Gork, Tibet, III. 365
——— of Ontario, XI. 316 †
Land of gold: J. M. Price, VIII. 193 †
New gold discoveries: E. Suess, XII. 440 †
Or dans le Monde: J. Servigny, XIX. 534 †
Prospecting for gold: D. J. Rankin, XX. 131 †
Recent gold production of the world: W. Hooper, XVIII. 648 †
Report on . . . gold mining in Egypt: C. J. Alford, XVI. 367 †, 557 §
Verbreitung des Goldes auf der Erde, XIX. 239 †
Vorkommen des Goldes in der Natur: A. von Elterlein, XI. 459 †
Gold Coast—
Anglo-German Agreement, XV. 73
Ashanti and Kumassi: G. K. French, IX. 463 †
Boundary, Western, XII. 73
Côte d'or anglaise: Rouire, IX. 105 †
——— comme pays aurifère: E. Perregaux, XIX. 107 †
Further correspondence relating to Ashanti, VII. 442 †
Glimpse at the Gold Coast: H. Bindloss, XVII. 91 †
Gold Coast Colony: T. H. H. Richards, XI. 197 †
——— Guide for 1895–6:
J. B. Anaman, VI. 195 †
Gold mines of W. Africa: J. Irvine, XIII. 563 †
History of the Gold Coast: A. B. Ellis, III. 72 †
——— and Asante:
C. C. Reindorf, VII. 564 †
Map of, with part of Ashanti: H. Wal-lach, XVII. 222 †; XIX. 665 †
Niederländisch West Indische Compagnie an der Gold-Küste: J. G. Doorman, XIII. 563 †
Nine years at the Gold Coast: D. Kemp, XII. 632 †
N. Territories of, Report: H. P. North-

GOMES

- Gold Coast—continued.
cott, XVI. 368 †, 683 §; (Colonial Rep.), XX. 558 †
Outlines of geography of: H. Bell, V. 607 †
Photographs of Gold Coast, Yoruba Country, etc.: J. Halligey, I. 384
Report (Colonial), † XIII. 322; XV. 297; XVII. 210
Studien von Gold-Küste: E. Mähly VII. 114 †
Surveys, XIX. 376
Verbot der nationalen Gebräuche in Krobo: A. Mischlich, XIII. 560 †
Golden Cap, shingle at, XI. 631
Golden Gate to Golden Horn, From: C. H. Matters, I. 473 †
Goldie, Sir G. T.; on distinction granted to the President, VIII. 80; obituary of Lord Aberdare, V. 386; Progress of exploration . . . of the Empire in America, Australia, and Africa, XVII. 231 †; remarks on "Expedition through Somaliland," VIII. 233; on "Hausa Territories," VIII. 220; on "Visit to N. Sudan," VIII. 353; on "Expedition to Borgu," VI. 225; on "Nupe and Florin," X. 370; on Prince Henry the Navigator, III. 393; on death of H. Seebohm, VII. 211; Report on Niger-Sudan Campaign, XV. 439 †
Goldman, S.: Map of Witwatersrand, VII. 121 †
Goldsmid, Sir F.: Acropolis of Susa, I. 437 †; A. Gardner, Soldier and Traveller, XII. 641 †; biography of Sir Bartle Frere, V. 462; De Morgan's "Mission scientifique à la Perse," VI. 177 §; letter on "Kech-Makurán," X. 447; on musical sounds made by sand-hills, IX. 454; obituary of Sir H. A. Layard, IV. 370; of Sir H. Rawlinson, V. 490; of H. L. Wells, XII. 530; Persia and her neighbours, VIII. 92 †; IX. 576 †; remarks on "Recent Journeys in Persia," X. 594
Goldziher, I.: Aus dem . . . Heiligenkultus in Aegypten, IX. 681 †
———, und Graf. C. von Landberg-Hallberger: Die Legende vom Barsäsa, VII. 340 †
Goliz mts., Somaliland, II. 532
Goll, H.: Au Moghreb-El-Aksa, XI. 199 †
Golnot, Mongolia, III. 368
Golovin, D. N.: journey to Pamirs, XIII. 658
Goltz-Pascha, C. von der: Karte der Umgegend von Constantinople, XIII. 102 †
Gomal river, Afghanistan, IX. 395
Gomba, Hausaland, VIII. 219
Gombaz, C. Asia, XVI. 507
Gombrun, Persian gulf, XVI. 213
Gomes, Diogo, and Gabriel Pereira: As relações do descobrimento de Guiné, etc., XVIII. 111 †

GOMES

- Gomes da Costa: Province of Gaza, Portug. E. Africa, XVI. 350 §
- Gomme, G. L.: Gentleman's Magazine Library, I. 464 †; IX. 235 †; London as capital of the Empire, VIII. 189 †
- Gonda, B. de: Regularisation des Portes de Fer, etc., I. 243, 278 †
- Gondokoro, Sudan, XX. 614
- Gondwana, geological system, India, III. 172; VIII. 388
- Gonja town, E. Africa, IV. 428
- Gonner, E. C. K.: Commercial geography, V. 187 †
- Gonnessiat, F.: Variations des latitudes terrestres, VI. 100 †
- Gonneville, P. de; biography: P. Gaffarel, XVI. 375 †
- Gonzaga, C. V. A.: Questions dello Lingue in Austria, XVI. 242 †
- Good, H.: Discovery of rock-painting in Manicaland, XI. 669; Photographs of Beira Railway, XI. 331 †; Route-plan of projected Mashonaland railway, XV. 144, 646
- Goodchild, J. G.: Desert conditions in Britain, XI. 662 §; XII. 204 †; Dr. Heddle and his geographical work, XIV. 346 †; Notes on construction of topographical models, I. 284 †
- Goode, G. B., Memoir of: S. P. Langley, X. 555 †, 583 †; P. L. Sclater, IX. 115 †; Goode as a naturalist: H. F. Osborn, IX. 583 †; Goode memorial meeting: C. Adler, IX. 583; Smithsonian Institution, XII. 331 †
- J. U.: Freehand map work, XVIII. 456 †
- , R. U.: Bitter Root Forest Reserve, III. 94 †; Idaho and Montana boundary-line, XV. 553; XVIII. 642 †; N.W. boundary between U.S. and Canada, XVII. 678 †
- Goodenough, Sir W. H.: obituary: Sir C. R. Markham, XII. 620; obituary of Gen. Sir C. P. B. Walker, III. 241
- , and J. C. Dalton: Army book for British Empire, IV. 90 †
- Good Hope, Cape of—Discovery, XVI. 639; Cape to Cairo, *Daily Telegraph* expedition from, XVI. 351, 558; Report of H.M. Astronomer at: Sir D. Gill, XIV. 667 §, 681 †; XVI. 474 §, 488 †; XIX. 90 §, 398 †; XX. 355 †
- Goodman, J. T.: Archaic Maya Inscriptions, IX. 578 †
- Goodwin, H. B.: Ex-Meridians; ancient and modern, IX. 344; Great circle sailing by tables, XV. 302 †; Longitude by equal altitudes, XIX. 660 †; Raper's approximate solution of double altitude, XV. 198 †; simplification of formula in nautical astronomy, XIV. 586 †; Spherical traverse tables and their uses, XV. 444 †
- Goodwin Sands, movement of, IX. 655;

GORK

- Sand-wave observations at, XVIII. 189
- Goold Adams, Capt.; ascent to lake on Great White Mountain, I. 64
- Gordolasque, La vallée de la: V. de Cessole et L. Maubert, XV. 546 †
- Gordon, General, Native account of death of, etc.: C. H. Robinson, II. 451 *; Gordon's Territories; Facsimile of his Map, XII. 631 †; Gordon's campaign in China by himself: R. H. Vetch, XVI. 576 †
- , G.: Did De Quiros land at Port Curtis? XIX. 530 †; Irrigation in Victoria, XVII. 214 †; Notes on De Quiros' voyage, XVII. 679 †
- , G. L.: Account of Forty-mile, Yukon Territory, XIX. 640
- , Sir J. J. H.: remarks on "Geography of N.W. frontier of India," XVII. 475
- , J. M.: Federal defence of Australia, XI. 456 †
- , M. M. O.: see Ogilvie-Gordon
- , R.: Hydraulic work on Irawadi delta, II. 379 *
- , Sir T. E.: Persia revisited (1895), VIII. 417 †; Problem of the Middle East, XVI. 123 †; remarks on "Journeys in Pamirs," II. 399; on "Pamirs and source of Oxus," VIII. 261
- Gordon and Gotch: Australian Handbook, I. 378 †; IV. 379 †; VII. 682 †
- Gore, F. St. J.: Hill life in . . . High-lands of Punjab, VII. 330 †
- , J. C.: remarks on "Acclimatization of Europeans in tropical lands," XII. 606
- , J. H.: Draining of Zuider Sea, XX. 239 †; How the earth is measured, I. 89 †; Pendulum observations in Spitsbergen, XII. 419
- , St. G. C.: General report on survey of India, XX. 667 †; letter on D. W. Freshfield's "Glaciers of Kanchenjunga," XX. 235; Surveyor-General of India, XV. 59; Projection for map of India, XVI. 473 §, 577 †
- Gore district and town, XVII. 507
- Gore-Booth, Sir H. W.; obituary, XV. 290
- Gorgens: Besitzstands-Karte von Deutsch-Südwest-Africa, XX. 678 †
- Gorges, G. H.: Journey from Lake Naivasha to Victoria Nyanza, XVI. 78 *, 487 †
- Gorges, Post-glacial, formation of, VII. 620
- Gori, F.: Antichi nomi dei fiumi di Romagna, X. 452 †
- Gori valley, glacier of, XV. 154, 411
- Gorili, Somaliland, XVI. 603
- Goring La, Tibet, VII. 469
- Goring, Streatley and neighbourhood: H. W. Taunt, VI. 192 †
- Gork gold-fields, III. 365

GORKAYA

- Gorkaya Steppe: *see* Oshim
 Gorman, M. W.: Ice-cliffs on White River, Yukon, XVI. 125 †
 Gormaz, F. V.: Depressions and elevations of S. archipelagoes of Chile, XIX. 775 †; Hundimiento o Solevantamiento, etc., XVIII. 336 †
 Gornergrat, Chemin de fer du: A. J. Wauters, XIII. 557 †
 Gorringe or Gettysburg bank, Atlantic Ocean, IV. 369; XX. 546
 Gorst, H. E.: China, XIV. 334 †
 Gosch, C. A.: Danish Arctic expeditions, 1605-20, XI. 102 †, 673 §; Early chart of N. Atlantic, XI. 673
 Gosha or Gusha district, E. Africa, I. 213; XIV. 637; natives, IX. 56; Journeys in: C. H. Craufurd, IX. 54*
 Goschen—Hvor laa det gamle Gosen? V. Schmidt, VII. 563 †; Land of Goschen, and the Exodus: R. H. Brown, XIV. 117 †
 Göschen, Sammlung Kartenkunde: *see* Geleisch
 Gossart, E.: Charles-Quint et Philippe, II...XII. 94 †
 Gosse, E.: remarks on "Exploration on and around Aconcagua," XII. 488
 Gosselet, J.: Géographie physique du Nord de la France et de la Belgique, XVI. 120 †; Plaine maritime du Nord de la France, I. 563 †
 Gosselin, A.: Les Jésuites au Canada, IX. 341 †; Voyage du P. le Jeune, etc., XII. 213; on voyage of Pytheas, I. 523
 Göta Canal, XVIII. 634 †
 Gothenburg—
 Göteborgs Turistförenings Årsskrift, XVI. 363 †
 Trade Rep., † XII. 625; XV. 435; XVI. 695
 Gothland—
 Ancient city of Wisby, XX. 553 †
 Hufvuddragen af Gotlands: K. Johanson, XII. 94 †
 Ile de Gothland et les représentations théâtrales de Visby: L. Maury, XX. 351 †
 Studier öfver den Gotländska vegetationens: R. Sernander, VII. 328 †
 Gotska Sandön—Fahrt nach der gotischen Sandinsel: F. W. Neger, XVII. 86 †
 Gottsche, C.: Endmoränen . . . Schleswig-Holsteins, XII. 427 †; Glacialablagerungen der Gegend von Hamburg, X. 225 †
 Götz, W.: Industriegebiete des östlichen und nördlichen Russlands, XIII. 211 †; Vergletscherung des Central-Balkan, XVI. 569 †
 Götzen, Graf C. A. von: Der Afrikareisende, VII. 222 †; Durch Afrika von Ost nach West, VII. 273 §, 442 †; Expedition, IV. 273; V. 78, 354; Neuesten Forschungen im Gebiet der Nil-Quellen, XIX. 398 †; Reise quer durch Central-

GRADMANN

- Afrika, V. 606 †; Reiseweg durch Central Afrika (map), V. 509 †; Do. . . in Deutsch-Ostafrika, VII. 450 †; Traversée de l'Afrique centrale, VII. 331 †
 Götzen, mt., C. Africa, XVI. 170
 Gouffre de Pierrefeu, Exploration du: Chevrot, VII. 438 †
 Gould, B. A.: biography, X. 343 †
 —, C. N.: Geology of Seminole . . . and Osage Nations, XVIII. 112 †; Tertiary Springs of W. Kansas and Oklahoma, XVIII. 112 †
 Goule-Noire (Isère): Utilisation de la grotte de: E. Mellier, XIV. 330 †
 Goullichambaroff, S.: Commerce universel au XIX siècle, XIII. 461 †
 Goulier, Le Colonel (biography): Fulcrand, XII. 330 †
 Gourdault, J.: La France pittoresque, II. 378 †
 Gourdet, P.: Chemin de fer dans l'Asie centrale, XV. 192 †; XVI. 366 †; Lettres de l'Asie centrale, XVII. 551 †
 Gourevitch, M.: Ressources matérielles et intellectuelles de la Russie, I. 564 †
 Gowa, Het Landschap: A. Eerdmans, XII. 324 †
 Gowan, W. E.: Viceroyalty of Manchuria, VI. 195 †; Mongolia, XI. 682 †
 Gowen, H. H.: Sketches of Hawaiian scenery and life, VII. 506 †
 Gowland, W.: Casting in bronze in Japan, VI. 295 †; Dolmens and burial mounds in Japan, XI. 451 †; Dolmens of Japan and their builders, XIV. 580 †; Dolmens . . . of Korea, V. 508 †; Early metallurgy of copper, etc., in Europe, XVI. 119 †; remarks on "Exploration in Japanese Alps," VII. 146; visit to Japanese Alps, VII. 125
 Goyaz, Brazil, IX. 64: Lo Stato di Goyaz: E. Negri, XVII. 453 †
 Goz Abu Guma, Sudan; position, XV. 279
 — Rejeb, trade, VI. 571
 Grabau, A. W.: Preglacial channel of Genesee river, V. 608 †
 Graber, H. V.: Geomorphologische Studien aus dem oberösterreichischen Mühlviertel, XX. 550 †
 Grablovitz, G.: Osservazione mareografiche in Italia, III. 69 †; V. 279 †
 Grabowsky, F. J.: biography, XVI. 705 †; Der Bezirk von Hatzfeldhafen, VII. 218 †
 Grace, M. S.: New Zealand war, XIV. 686 †
 Gracey, T.: Report on railways in India, IX. 105 †; XII. 432 †; Uganda railway, XVIII. 310 §, 550 †
 Gracias à Dios, Cape; Nicaragua, XI. 660
 Gradmann, R.: Das mitteleuropäische Landschaftsbild, XVIII. 631 †; Der Obergermanisch-rätische Limes, XIII. 573 †; XIV. 89 §, 111 †

GRAEBNER

- Graebner, P.: Die Heide Norddeutschlands, etc., XX. 551†; Klima und Heide in Norddeutschland, VIII. 306†; Vegetationsformationen im Norddeutschen Flachlande, XIII. 318†
- Graetz, H.: History of the Jews, VII. 339†
- Graf, J. H.: Beiträge zur . . . Geographie der Schweiz, III. 436†; Bibliographie der Schweizerischen Landeskunde, IX. 679†; Bibliographie nationale suisse, I. 564†; III. 436†; Cartes de parcelles . . . du territoire suisse, I. 181†; La plus ancienne carte connue du Pays de Neuchâtel, II. 89†
- Gräffe, E.: Organismen aus der Tiefe des Rothen-Meeres, XI. 322†
- Graffigny, H. de: Expéditions aérostatiques au Pôle Nord, IX. 466†; Explorations of upper atmosphere, XIV. 345†; Sondages de la haute atmosphère, IX. 685†
- Graham, A.: Roman Africa, XX. 126†
- , J. C.: Experiments with artificial geyser, I. 185†
- , R. B. C.: Alvar Nunez, IX. 115†; Vanished Arcadia . . . Jesuits in Paraguay, XIX. 403†
- , T. H. R.: English township, XII. 203†
- Graham's Land, Antarctic, IV. 333; VII. 508; XIV. 476; XVII. 173, 176; XVIII. 22; XIX. 761
- Graian Alps, Scrambles in Eastern: G. Yeld, XVI. 483†; Grajischen Alpen: G. Euringer, XIII. 211†
- Gran Canaria, sandbank at, XI. 650
- Gran Chaco—Boat journey across, XIV. 567; Massacre of Signor Ibarretta's expedition to, XIV. 214; Unexplored parts, II. 498; Völkergruppierung im Gran Chaco im 18 Jahrhundert: P. A. Huonder, XX. 561†
- Granatspitzgruppe in den Hohen Tauern: M. von Prielmayer, VII. 106†
- Grand Cañon of Colorado: *see* Colorado
- Tuolumne: T. S. Solomons, IX. 241†
- Falls, Labrador, V. 526
- Lake, Canada, X. 5
- River, Michigan, Mouth of: E. H. Mudge, XIV. 584†; Valley of: B. Sulte, XV. 553†
- Grande, Rio, Bolivia, XII. 393
- de Tarcoles, X. 62
- , Nicaragua, XI. 659
- , Texas; Reconnaissance in coal-fields of: T. W. Vaughan, XVIII. 334†
- Grande-Chartreuse, Voyage de Grenoble à la: D. Villars, XIII. 318†
- Grandidier, A.; Biography: A. Miessler, VIII. 196†; Biography of A. M. Edwards, XVI. 259†; Carte topographique de l'Imerina, V. 510†; Coordonnées géographiques de Tananarive

GRASBERGER

- et, II. 474†; Fondation du Royaume Betsimisarak, XV. 665†; Madagascar, d'après les travaux d'A. Grandidier (map), V. 407†; Do., Discours sur, VIII. 531†; Do., Histoire de la découverte, XIX. 772†; Do., Histoire physique, naturelle et politique, XIX. 657†; Do., il y a cent ans, VIII. 93†; Do., Noms de lieux de, VI. 488†; Do., Sol et climat de, etc., III. 532†; Do., Travaux géographiques . . . exécutés à, XV. 551†; Do., Voyage de découvertes . . . de l'île de, XIII. 563†; Do., Voyageurs français à, III. 531†; IV. 175§; Origine des Malgaches, XV. 439†; Voyage de Lemaire dans l'Androy, X. 551†
- , G.: Dans le sud de Madagascar, XIX. 90§; XX. 126†; Madagascar, ses habitants, etc., XX. 558†; Voyage dans le Sudouest de Madagascar, XVII. 450†; Voyage de la Reine Ranavalona Ire à Mananirerina, XVI. 369†
- Grandjean, A.: Bassin du Nkomati, etc., XVI. 124†, 350§; Cartographie de la province de Lourenço Marques, XVI. 125†; L'invasion des Zoulous dans le Sud-Est Africain, XII. 633†; XIV. 228†
- , C.: Biography of Baron Charlevoix de Villers, XI. 460†; Les landes et les dunes de Gascogne, VIII. 411† (map), 527†
- Grange-over-Sands, Sand-wave observations at, XVIII. 177
- Grant, Sir J., on gold resources of Canada, VIII. 484
- , Capt. S.: Anglo-Portuguese delimitation in E. Africa, II. 186†
- , S. C. N.: Diagrams for determining the Parallax, etc., VII. 649*; Occultation Method of: E. A. Reeves, XI. 165, 305
- , W. R. O.: Birds of Hainan, XVII. 86†
- Grant of Rothiemurchus: W. S. Seton-Karr, XIV. 689†
- Grant, Cape, Franz Josef Land, VIII. 546
- Grant Bey, Dr.: Climate of Egypt, XVII. 553†
- Grant Duff, A.; visit to Formosa, II. 459
- , E.; ascent of Mt. Demavend, I. 149
- , Sir M. E.: Annual address, II. 1*; Recreations of an Indian official, XI. 450†; remarks from the chair at meetings, etc.: *see* papers in vols. I., II.
- Grantham, Early importance of, X. 527
- Granville, R. K., and F. N. Roth: Jekris, etc., of the Warri District, XIII. 560†
- Gras Gebirge, Pinzgau, IX. 660
- Grasberger, H.: Aus dem alten Tauris-kerlande, XI. 308†

GRASMERE

- Grasmere, Cloud-burst on, VII. 620
 Grassi, B.: Osservazioni sul . . . Spedizione malarica in Italia, XV. 189 †
 Grasso, G.: Gli "Strapellini" di Plinio, VIII. 648 †; Metodo e misura nelle ricerche di toponomastica, XVI. 592 †; Sui limiti dell' Insula allobrogea, XII. 440 †
 Gratton, F.: Notes upon architecture of China, V. 180 †
 Graubünden und Tessin, Sprachenkarte von, C. Menghius, XII. 108 †
 Grave, C.: Oyster reefs of N. Carolina, XVIII. 334 †
 Gravelaar, N.: John Napier's Werken, XV. 674 †
 Gravelius, H.: Der Einfluss des Waldes auf Bodenfeuchtigkeit und Grundwasser, XVIII. 239 †; . . . Zusammenhang zwischen Niederschlag und Wasserstand, XIII. 219 †
 Gravenoire, Volcan de: P. Glangeaud, XVI. 360 †
 Graves, H., and A. B. Evans: Roads round Oxford, X. 454 †
 Gravier, G.: Carte des grandes lacs de l'Amérique du Nord dressée en 1670, VI. 392 †; Ferdinand de Lesseps, VII. 339 †; Les Français à Madagascar, V. 607 †; Vie de Samuel Champlain, XVI. 494 †
 Gravity—
 Action of, on surface of earth: P. Pizzetti, IV. 88 †
 Anomalie de la pesanteur à Bordeaux: J. Collet, VIII. 423 †
 Bemerkungen zu . . . Intensität der Schwere, etc.: Helmert, V. 395 †
 Bestimmung der Gravitationsconstante, etc.: F. Richarz und O. Krigarmenzel, IX. 582 †; XIV. 232 †; Do. der Intensität der Schwerkraft, IX. 111 †
 Determinations of, . . . on Pacific coast, etc.: T. C. Mendenhall, IV. 88 †
 Gravitation und Erdmagnetismus: R. B. Eötvös, XI. 103 †
 Local deflection of plumb-line: O. J. Klotz, XVII. 563 †; *see also* Geodesy
 Map showing variation of gravity: Steinhauser, XIII. 241
 Measurements in U.S.; G. K. Gilbert on, VI. 572
 Messungen der Intensität der Schwerkraft, etc.: F. R. Helmert, VIII. 195 †
 Normale Theil der Schwerkraft im Meeresniveau: F. R. Helmert, XVIII. 340 †
 Relative determination of gravity, etc.: G. R. Putnam; and report on geological examination of . . . gravity stations: G. K. Gilbert, X. 233 †
 Relative Schwerebestimmungen durch Pendelbeobachtungen, †VI. 199; VII. 219; XIV. 343

GREAT BRITAIN

- Gravity—*continued*.
 Schwere in die grube Sala: P. G. Rosen, VII. 337 †
 Sulle anomalie della gravità: G. Schiaparelli, IX. 111 †
 Telegraphic determination of force of gravity: E. de Preston, X. 233 †
 Trans-continental series of . . . gravity measurements: G. R. Putnam, VI. 197 †
 Verteilung der Schwerkraft auf der Erde: J. B. Messerschmitt, XVIII. 340; Dr. Heckert's Bestimmung der Schwerkraft auf dem Atlantischen Ocean; F. R. Helmert, XX. 363 †
 Grawert, V.; expedition to Ruffiji, VIII. 175
 Gray, C. J.: Mining industry of Natal †XV. 298; XVII. 554; XX. 558
 —, E.: Journey from Assam to sources of Irawadi, III. 221 *
 —, F. J.: Shore of Demerara and Essequibo, Br. Guiana, XX. 408 *
 —, G. D. Expedition to Lake Mweru, XV. 645
 —, J. A.: At the court of the Amir, VII. 212 †; Experiences at the Court of Afghanistan, III. 345 †
 —, M. H.; remarks on "Sub-oceanic changes," X. 287
 —, R. K.; on cable fractures, X. 274; remarks on "Sub-oceanic changes," X. 288; on submarine river escapes, XIV. 401
 —, T.: Smithsonian physical tables, XI. 209 †
 Grayson County, Va.: C. R. Boyd, XI. 202 †
 Graz—Temperatur von Graz Stadt und Graz Land: J. Hann, XII. 425 †, 623 †
 Great Barrier Reef of Australia: H. O. Forbes, II. 540 *; Saville-Kent, I. 569 †; Grosse australische Wallriff: A. Penck, XII. 328 †; R. von Lendenfeld, XX. 561 †; Visit to: A. Agassiz, IX. 109 †
 — Bear Lake Region, Explorations in: J. M. Bell, XVIII. 249 *; Photographs: J. M. Bell, XIX. 119
 Great Britain (*the island only*)—
 Admiralty surveys, II. 22; IV. 26
 Ancient volcanoes of: Sir A. Geikie, IX. 679 †
 Barometric and thermometric gradients between London and Edinburgh: R. C. Mossman, XVI. 364 †
 Geographical distribution of disease in: A. Haviland, II. 87 †
 Handbook for travellers: K. Baedeker, †IV. 468; X. 454; XVIII. 634
 Interglacial submergence of: H. Munthe, XII. 429 †
 Physical geology and geography of: Sir A. C. Ramsay, IV. 280 †
 Population—Mouvement de la population dans la Grande-Bretagne, VIII. 189 †

GREAT BRITAIN

Great Britain—*continued*.

Railway mileage, II. 70

Redegjørelsen . . . Skotland og England for . . . kendskab til undervisningen i geografi: A. Arstal, IX. 235 †

Rivers of, XI. 194 †

Great Fish Bay—Von der deutschen Tiefsee-Expedition, XIV. 118 †

Great Lakes of N. America—

Biological Station, XIX. 756

Cartes des grand lacs . . . 1670, etc.: G. Gravier, VI. 392 †

Currents of (map): M. W. Harrington, III. 539 †

Diamond field of: W. H. Hobbs, XIV. 461 †

Entstehung der Nordamerikanischen grossen Seen: G. Greim, IX. 341 †

Lakes and Niagara, Spencer's studies on, VII. 204

Meteorological Chart: A. Henry and N. Conger, XV. 553 †

Modification of the Great Lakes: G. K. Gilbert, XI. 96 †

Neutrality of, in Anglo-American relations: J. M. Callahan, XII. 542 †

Origin, I. 496

Sailing directions, IX. 578 †; Erie and Ontario, VII. 680 †

Shipping and ship-building (F. O. Rep.), XVI. 353 §, 489 †

Erie—

Canal to Hudson from, XIII. 521

Deformation of Lundy Beach and birth of: J. W. Spencer, III. 533 †

Oscillation period of: R. A. Harris, XX. 670 †

Probable drainage of, in pre-glacial times, IV. 66

Proposed raising of level of, XIX. 756

Wind velocity and fluctuations of water-level on: A. J. Henry, XVI. 685; XX. 103 §, 247 †

Huron—Glaciation, I. 498; Sailing directions, VI. 392 †; VII. 216 †

Michigan—Glaciation, I. 498; Sailing directions, V. 609 †; Vegetation on sand-dunes of: L. H. C. Cowles, XIV. 668 §, 683 †

Ontario—Fluctuations of: K. Tully, IX. 107 †; Glaciation, I. 498; Journal of W. Butler's voyage on: E. Cruikshank, VIII. 312 †

Superior—

Area, etc.: M. W. Harrington, IX. 682 †; of drainage basin, X. 97

Geological history of: R. Bell, XVI. 582 †; A. C. Lawson, II. 90 †, 265

Glaciation, I. 497

Iron-ore mines: J. and A. P. Head, XV. 195 †

Sailing directions, V. 173 §, 183 †, 487 §

GREECE

Great Liakhoff Island, buried ice on, V. 374

Salt Lake: J. E. Talmage, XIX. 529 †; Drying up of, XVII. 533; (letter from F. Trimmer on), XVIII. 97; Water-Level of: G. K. Gilbert, XVIII. 335 †; Relation of water-level to precipitation: L. H. Murdoch, XVIII. 335 †; water-supply of, S. F. Mackie on, XVIII. 93

Lake Trail, The: H. Inman and W. F. Cody, XIII. 565 †

Slave Lake, Journey to: D. T. Hanbury, XVI. 63 *

— and Hudson's Bay, J. W. Tyrrell's explorations between, XX. 340; Map of exploration of divide between: J. W. Tyrrell, XX. 679 †

Southern Ocean, extent and climate of, VII. 538

White Mt.; Gould-Adams' ascent, I. 64

Circle sailing by tables: H. B. Goodwin, XV. 302 †; Great Circle sailing made easy: A. C. Johnson, XIII. 327 †

Greater Britain: *see* British EmpireGrecian Archipelago: *see* Ægean, Cyclades, etc.

Greco-Persian art, Influence on Japanese arts: J. Dooman, X. 455 †

Greece—

Admiralty surveys, II. 23

Barometrische Höhenmessungen auf den griechischen Inseln: A. Philippson, XI. 448 †

Bibliography: Sakkelionos, VII. 223 †

Customs and Lore of Modern Greece: R. Rodd, I. 82 †

Early travels of Greeks, I. 504; III. 2

Erdleben von Theben, etc.: C. Mitzopoulos, V. 86 †; Erdbeben von Tripolis und Triphyllia, XVII. 444 †; Karte der mittel-griechischen Erdbeben von 1893 u. 94: C. Mitzopoulos, IV. 582 †

Estudios de Historia griega: F. P. Garofalo, XIV. 588 †

Ethnographische . . . Groekenland: P. O. Schjøtt, IX. 676 †

Excursions in Greece: C. Diehl, I. 180 †

Geography of Greeks under Roman sway: H. Berger, I. 187 †

Geologische Reise in Nord-Griechenland: V. Hilber, X. 451 †

Great Persian war and its preliminaries: G. B. Grundy, XIX. 227 †

Greece in the 19th Century: L. Sergeant, X. 647 †

Griechen nach Zahl: A. Oppel, X. 118 †

Griechenland und seine Stellung im Orient: A. Philippson, IX. 676 †

Handbook: K. Baedeker, II. 561 †; Collection des Guides-Joanne, Grèce, VIII. 412 †; J. Murray, VIII. 412 †; XVI. 485 †

GREECE

Greece—continued.

- Hellenische Kolonisation: G. Lachenmaier, VII. 568 †
- Iakonika chronon proistorikon te kai istorikon: A. Konninou, XV. 294 †
- Maps—Greece, Crete, etc., to illustrate Eastern question: W. and A. K. Johnston, IX. 585; Geologische Karte der Magnesischen Inseln und den Insel Skyros: A. Philippson, XVIII. 245 †; Karten von Attika: E. Curtius und J. A. Kaupert, XVI. 496 †; Murray's Handy Classical Maps: Grecia; ed. G. B. Grundy, XVIII. 116 †; Philips' Special Map of, X. 658; Map-making, VIII. 609
- Meteorologische und magnetische Beobachtungen in Griechenland: H. Hartl, † VI. 483; VII. 108; X. 388
- Mineral Resources (F. O. Rep.), XX. 350 †
- Nachträge zur Kenntnis der griechischen Inselwelt: A. Philippson, XX. 465 †
- Northern Greece: A. Philippson, III. 328 *
- Pausanias and other Greek sketches: J. G. Frazer, XVI. 571 †; Pausanias's description of Greece: J. G. Frazer, XI. 565 †; note by H. Tozer on, XII. 158 *
- Peloponnesian journeys: C. H. Young, XVI. 244 †
- Photographien aus Griechenland: A. Philippson, XII. 322 †
- Railways—Zur Geschichte der Eisenbahnen Griechenlands: A. Struck, XIX. 650 †
- Rapports tectoniques entre la Grèce et la Crète: L. Cayeux, XX. 350 †, 450 †
- Reisen in Nord-Griechenland: A. Philippson, † VI. 293; VII. 439; IX. 232, 573; XI. 449; Philippson's altitudes: A. Galle, IV. 468 †
- Ships, Early; structure and fittings, I. 513
- Studi di geografia Greca: F. P. Garofalo, XIX. 392 †
- Survey, by Austrian Officers, I. 354; Resumption under Prof. Hartl, XVII. 428
- Temples, Orientation of: F. C. Penrose, XV. 189 †
- Thessalien und Epirus: A. Philippson, X. 647 †
- Tyrrhenians in Greece and Italy: O. Montelius, IX. 573 †
- Topologie et toponymie antiques: V. Bérard, XII. 427 †
- Greely, A. W.: Climatic conditions of Alaska, XII. 100 †; Handbook of Arctic discoveries, VII. 566 †; Hurricanes on coast of Texas, XVII. 213 †; Nansen's Polar expedition, VII. 567 †; Present state of Nicaragua canal, VII. 445 †; Progress map of telegraph lines . . .

GREENLAND

- in Philippines, XIX. 664 †; Rainfall types of U.S., II. 280 †, 369; Rubber forests of Nicaragua and Sierra Leone, IX. 687 †; Scope and value of Arctic exploration, VII. 447 †; Siberian Transcontinental railway, IX. 681 †
- Green, A. H. (biography), XI. 460 †; Town Life in the Fifteenth Century, IV. 474 †
- , Mrs. J. R.: M. Kingsley (biography), XIX. 409 †
- , L.: Tetrahedral theory of, XIII. 236, 250; letter from A. de Lapparent on, XIII. 449
- , W. S.: Climbing in the Selkirks, etc., V. 608 †; on Rockall islet, XX. 524; Photograph of Rockall, XII. 648; remarks on "Southern Alps of New Zealand," VII. 500
- Green mts., Mass., Geology of: R. Pumpelly, J. E. Wolff and T. N. Dale, VII. 216 †
- of Oman, Across the: S. B. Miles, XVIII. 465 *
- Greenland—**
- Flora and fauna (N.), II. 311; insularity, IV. 12; name for N. Greenland, VIII. 180; Polar currents, I. 4; scenery, V. 110; sinking of coast-line (N.), V. 352
- Account of Greenland: L. Anderson, XV. 629
- Astronomical and Geological Observations: F. Nansen and H. Mohn, I. 88 †
- Blandt Nordpolens Naboer: E. Asstrup, VIII. 194 †; IX. 466 †
- Crustacea . . . collected during Princeton expedition: A. E. Ortmann, XVIII. 555 †
- Danish surveys, IX. 96
- Driftwood from Siberia, IX. 492
- E. coast of Greenland: Capt. R. Knudsen, III. 350 †
- Echinoderms collected off W. coast: W. M. Rankin, XVIII. 555 †
- Éléments météorologiques, XIV. 586 †
- Ethnology—Gronländische Eskimo: E. Wächter, XI. 457 †; People of Greenland: C. Ryberg, III. 536 †
- Glacial phenomena in . . . southern: G. F. Wright, V. 274 §. 284 †
- King Oscar fjord and Kaiser Franz Josef fjord, On map of: A. G. Nathorst, XVII. 48 *; XVIII. 339 †; Kartläggningen af: P. Dusen, XVII. 326 †
- Magnetic observations: G. R. Putnam, X. 124 †
- Maps—Einheimische Namen an der Kuste, etc.: R. Stein, XX. 568 †; Map of S.: F. Nansen, I. 95 †
- Meddelelser om Grönland: H. Moltke, XX. 249 †; Aperçu des: T. Kornérup, XVI. 373 †
- Musk ox—Distribution of polar wolf

GREENLAND

Greenland—continued.

- and: A. G. Nathorst on, XVII. 310 §; Myskoxen och myskoxjagter på Ost-Grönland: A. G. Nathorst, XVI. 587 †; Verbreitung des Moschusochsen . . . in Nordost-Grönland: Conwentz, XVIII. 562 †
- Nordostra Grönland, Viktigare vaxtfynd från: P. Dusen, XVIII. 339 †
- Grönlands geologi: A. G. Nathorst, XVIII. 555 †; XIX. 510 §
- Oprettelsen af Missions og Handelsstationen Angmagsalik: J. Holm, V. 286 †
- Photographs: E. von Drygalski, V. 598; W. Libbey, VI. 592; R. E. Peary, XII. 223
- Polarvaregens invandring till östra Grönland, XVI. 255 †
- Positions géographiques déterminées . . . pendant l'expédition suédoise au Grönland: F. Åkerblom, XVII. 214 †; XVIII. 237 †
- Products and population of Grönland: C. Ryberg, II. 475 †
- Ruins in: C. Jiriczek, III. 536 †
- Scientific work . . . on Peary expedition: G. R. Putnam, XI. 205 †
- Spring Life in N. Greenland: E. Vanhöffen, III. 350 †
- What the Sagas say of Greenland: J. Sephton, XIII. 96 †
- Exploration—
- Across Greenland's ice-fields: M. Douglas, IX. 466 †
- Danish expedition to Greenland: A. Paulsen, III. 536 †
- early voyages, XI. 672
- Expeditions of 1895: R. D. Salisbury, VIII. 194 †
- Explorations of inland ice: J. de la V. Poussin, I. 379 †
- Hunting trip to N. Greenland: F. Merrill, XV. 671 †
- Mineralogisk resa i Grönland: G. Flink, XII. 438 †
- Nansen Expedition; Bericht der Eskimos, etc., II. 566 †
- Nouvelle expédition polaire norvégienne: N. Voll, XIII. 97 †
- Pre-Columbian voyages to America, in . . . Vatican: W. E. Curtis, III. 350 †
- Summer voyage to the Arctic: G. R. Putnam, IX. 684 †
- Amdrup, G.; Danish E. Greenland expedition, X. 218; XIV. 449; XVI. 231, 481, 597, 662*; XIX. 641; Beretning om Kystexpeditionen langs Grönlands Ostkyst: G. Amdrup, XX. 129 †; Beretning om Skibexpeditionen til Grönlands Ostkyst: G. Amdrup, XX. 129 †; Dänischen Expedition nach Ost-Grönland: G. Amdrup, XIX.

GREENLAND

Greenland—continued.

- 779 †; N. Hartz, X. 232 †; XIX. 779 †; Ostgrönlandske expedition: Amdrup's og Hartz' forelobige rapporter, XVII. 97 †; Ostgrönlandske expedition: G. Amdrup, C. Kruuse, and K. Poulsen, XV. 671 †; N. Hartz, XX. 362 †; Ostgrönlandske kystexpedition: G. Amdrup, XVIII. 114 †
- Bay's expedition, XI. 184
- Cornell expedition, VIII. 643
- Drygalski, II. 464; III. 47*; Sketch of Route (map), III. 79 †; Preliminary results, III. 350 †; Grönland-Expedition der Gesellschaft für Erdkunde: E. von Drygalski, XI. 572 †; XIV. 231 †; and E. Vanhöffen, III. 536 †; E. Richter, XIV. 232 †
- Garde, II. 463; Danish Expedition in S. W. Greenland: T. V. Garde, III. 350 †; Gardes Forschungsreise in Südwestgrönland, VIII. 423; Un été au Groenland: T. V. Garde, VII. 117 †
- Kolthoff, XVI. 566
- Kruuse (Botanical), XIX. 379
- Nathorst, XIV. 97, 448, 534; Förslag till en expedition till östra Grönland: A. G. Nathorst, XIV. 343 †; Schwedische Expedition nach Ostgrönland: A. G. Nathorst, XV. 198 †; Do. zur Aufsuchung Andréas im 1899, unter A. G. Nathorst: F. W. Neger, XVII. 325 †; Svenska expeditionen till Nordöstra Grönland: A. G. Nathorst, XVI. 492 †; Två Somrar i Norra Ishafvet: A. G. Nathorst, XIX. 80 §
- Peary, II. 303, 463; IV. 461; VI. 387, 475; VIII. 74, 179; IX. 96; X. 218; XI. 213*; XII. 194; XIV. 325; XVIII. 447, 539; XIX. 96; XX. 6, 436; map, IV. 384 †; Relief expeditions, V. 597; XVII. 218; Det Arktiske problem og de to Peary-expeditioner: E. Astrup, VII. 117 †; Expedition of 1891–92: R. E. Peary, I. 379 †; II. 566 †; Report: R. E. Peary, II. 92 †; My Arctic journal, etc.: Mrs. Peary, III. 75 †; Northward over the great ice: R. E. Peary, XII. 498 §, 637 †; Peary relief expedition: A. Heilprin, I. 185 †; Spedizione di R. E. Peary: G. Cora, V. 92 †; With Peary near the pole: E. Astrup, XII. 102 †; Work in N. Greenland: R. E. Peary, VIII. 194 †
- Ryder, I. 43*
- Steenstrup, XI. 184
- Sverdrup, X. 98; XII. 82, 527; XIII. 136; XX. 6, 434
- Ice—
- Glacial Basins of Ice Cap, II. 309;

GREENLAND

Greenland—continued.

- glaciers (N.), V. 350; Glacier of continental type, XII. 562; Ice off coasts, IX. 480, 492; (E. coast), XI. 495; Inner ice, IX. 511
- Eisbewegung: E. von Drygalski, XII. 216†
- Glacial action on W. coast: G. H. Barton, IX. 681†
- geology of N.: R. D. Salisbury, IX. 466†
- observations in Umanak district: G. H. Barton, XI. 102†
- studies in: T. C. Chamberlin, † V. 286; VI. 394; X. 124
- Ice in waters E. and W. of Greenland: V. Garde, XV. 672†
- Régime glaciaire au Groenland: M. Zimmermann, XIII. 219†
- S. Greenland: G. F. Wright's observations on glacial phenomena, V. 274
- Greenleaf, J. L.: Hydrology of Mississippi, VIII. 419†
- Greenock Harbour: W. R. Kinipple, XII. 205†
- Greenough; on nomenclature of Oceans, I. 535
- Greenwich, Franklin relics at, VI. 32
- I., Antarctic, IV. 343
- Greenwood, W. N.: Unification of time as it relates to . . . navigation, IX. 582†
- Greffrath, H.: Account of Cook Archipelago, VIII. 401†; Australische Nordterritorium, XIII. 326†; Biography of C. F. Wells, XI. 324†; Geographischen Forschungen und Reisen, X. 652†; Geographisch-Statistische Uebersicht über die Australischen Kolonien, XI. 319†; Horn expedition in C. Australia, IX. 109†; Inselkolonie Tasmanien, Die Kolonie Neu-Seeland, XII. 215†; Kolonie Westaustralien, XI. 102†
- Greger, J.: Enrique de Ibarreta, XVII. 565†; Puna de Atacama, XVII. 213†; Ramon Lista, XIII. 99†; Weg über die Cordillere zwischen Argentinien und Chile, VI. 489†
- Gregor, J.: Trigonometrische Höhenbestimmungen . . . von Laibach, XIV. 221†
- Gregory, Hon. A. C.: Brisbane river floods, II. 370; Geographical history of Australia, VII. 682†; Geological development of Australia, VI. 98†; Mitigation of floods in Brisbane river, XVII. 196§, 214; XIX. 237†
- , A. F.: French in Madagascar, IX. 239†
- , J. W.: Across Spitsbergen, XII. 328†; Antarctic exploration, XIX. 660†; Arctic work of 1896, IX. 110†; Contributions to geology of Br. E. Africa, V. 89†; to physical geography of do., IV. 289*, 408*, 595*; V. 282†; Conway expedition to Spitzbergen,

GRENARD

- VIII. 528†; Cuthbert Peek grant to, III. 420; IV. 80; Distribution of oceans and continents, XII. 527§; Evolution of the Thames, IV. 468†; Expedition to Lake Eyre, XIX. 377, 509, 607; to Mt. Kenia, I. 456; II. 19, 263, 326*, 460; Foundation of Br. E. Africa, XIX. 526†; Geographical structure lines, XV. 47; Geology of Mt. Kenya, XVI. 249†; Geology of Mt. Macedon, XX. 362†; Geology of Sokotra and Abd-el-Kuri, XV. 298†; Great Rift Valley, VIII. 478§; Physical features of Norfolk Broads, I. 179†; Plan of the Earth and its causes, XIII. 225*; XIV. 465†; Proposed German barrier across Africa, VII. 332†; remarks on "Annual range of temperature," etc., XII. 136; on "Desert sand-dunes," XV. 31; on "Expedition to Ruwenzori," VI. 322; on "Explorations in Marotseland," XVII. 134; on "Explorations in Patagonia," XIV. 375; on "Exploration of some glaciers of Spitsbergen," XII. 157; on "First crossing of Spitsbergen," IX. 365; on "Journey to summit of Mt. Kenya," XV. 476; on "Sub-oceanic physical features off coast of W. Europe," XIII. 292; on "Two years' travel in Uganda," IX. 391; Some problems of Arctic geology, X. 652†; Suess's theories of geographical evolution, XI. 458†; Work of National Antarctic expedition, XVIII. 237†
- , R. A.: Elementary physiography, II. 476†; Physiography and physical geography, XVII. 454†
- , W.: Notes on Pine Ridge Trail, etc., VIII. 419†
- Greifswald, Local geography in, VIII. 302; Alteste Stadtbeschreibung von: J. E. Metzner, XVII. 206†
- Greig, J. A.: Journey from Kirin . . . to Moscow, XII. 207†
- Greim, G.: Ausbruch des Schwemser-Ferners, IV. 467†; Ausflug zum Zeigletscher in der . . . Kaukasus, XII. 97†; Bergstürze, XIII. 460†; Besuch der Schlammsprudel von Sassuolo, XV. 546†; Entstehung der Nord-amerikanischen grossen Seen, IX. 341†; Fortschritte der Limnologie, VII. 118†; Gletscherbai in Alaska, X. 122†; Karen, VIII. 425†; Temperaturgang im Jambach, XI. 105†; Wissenschaftliche Luftfahrten, XVII. 218†
- Grenada—Reports (Colonial), XV. 300†; XVIII. 113†; Rocks and Soils of: J. B. Harrison, XI. 101†, 183
- Grenard, F.: Carte de l'Asie centrale, XIV. 238; Dutreuil de Rhins' journey in C. Asia, VI. 279; (letter on), XIV. 328; Ethnography of Turkestan and Tibet, XIV. 91; journeys in Tibet, IV. 573; Le Turkestan et le Tibet, XIII. 557†; Mission scientifique dans la

GRENET.

- Haute Asie, XI. 450 +; XIII. 159 § (atlas), 573; XIV. 91 §, 225 †, 442 §; Voyage de M. et Mme. Rijnhart, XIV. 114 †; Voyages . . . de H. Deasy, XVIII. 229 †; *see also* Dutreuil de Rhins
- Grenet, V.: Remarques sur le régime des vents de la côte Nord de la Méditerranée, XIII. 556 †; Signes précurseurs des cyclones dans l'archipel des Philippines, XIII. 678 †
- Griffell, B., A. Hunt, and D. Hogarth: Fayum towns and their papyri, XVIII. 232 †, 301 §
- , Sir F.: remarks at Anniversary dinner, II. 85
- , G.: Photographs of Congo region, XX. 570; Upper Congo as a Waterway, XX. 485 *
- , W. T.: Climate and travel in Labrador, XIV. 683 †; Life in Labrador, XIX. 529 †; Vikings of to-day, VI. 392 †
- Grenjatharstathir, basaltic columns at, III. 275
- Gresham University, London; Report of Commissioners, IV. 473 †
- Greswell, W.: England and France in W. Africa, XII. 212 †; Growth . . . of the British colonies, XI. 575 †; Outlines of British colonization, II. 93 †
- Grévé, C.: Geographische Verbreitung der . . . Raubthiere, VII. 448 †; Do. der Perissodactyla, etc., XIV. 346 †; Do. der Pinnipedia, IX. 686 †; Kreis Lenkoran, IV. 86 †
- Grévin, G.: La côte Mourmane, XII. 93 †
- Grey, Sir G.: obituary, XII. 532
- , G.: Kafue river and its headwaters, XVIII. 62 †; Photographs of N. Rhodesia, XIX. 120
- Grey, J. G.: Australasia old and new, XVIII. 554 †
- Gribaudo, P.: L'avvenire economico della Cina, XIV. 456 †; Primo sverno nelle regioni polari antartiche, XVIII. 555 †; Progetto di colonizzazione Italiana della Patagonia, XVII. 559 †; Studio della geografia di casa nostra, XVII. 564 †; Verso il Polo Sud, XIII. 327 †
- Gribble, F.: Early mountaineers, XIV. 347 †
- Gribing river, Shari system, II. 325; XII. 524; XIV. 320 †; XVII. 149
- Grienberger, T. R. von; origin of name Vienna, III. 329
- Grierson, G. A.: Languages spoken beyond N.W. frontier of India, XVI. 577 †
- Griesbach, L.: Report . . . of Geological Survey of India, XIV. 458 †; XIX. 230 †
- Griffin, A. P. C.: List of books on Samoa and Guam, XX. 129 †; Do. relating to Hawaii, XII. 544 †
- , and P. L. Phillips: List of books relating to Cuba, XII. 327 †

GROLLER

- Griffin, Sir L.: Chitral and frontier policy, VI. 295 †; Kashmir, VII. 111 †; Persia, XVI. 248 †; S. Africa and India, XX. 366 †
- Griffis, W. E.: Heaths and hollows of Holland, XVII. 218 †; Korea and the Koreans, VI. 295 †
- Grifoni, U.: Magellano scopri lo stretto che porta il suo nome? XX. 250 †
- Grillières: Voyage en Russie et en Perse, XVIII. 326 †
- Grillo-Rosso crater, X. 420
- Grindelwald glacier, Lower, I. 488
- Grim pass, C. Asia, II. 387
- Grindrod, Mrs.: Siam; geographical summary, VII. 213 †
- Grinlinton, F. H.: Ceylon administration reports, survey department, XIV. 678 †; XVII. 548 †, 657 §; XVIII. 532 §
- Grinnell, G. B.: N. American Indians of to-day, XVI. 701 †
- Grinnell glacier, Baffinland, XVIII. 29
- Land, glaciers, XII. 563; glaciomarine deposits, IX. 521
- Grion, Asia Minor, General description of, IX. 48
- Grisons and Ticino, Language boundaries in: M. C. Menghius on, XII. 310
- Grissingner, K.: Artaria's Orts-Lexikon der österr.-ungarischen Monarchie, II. 471 †; Distribution of population of Austria-Hungary, II. 163; Geography of Tatra group, II. 255 †; Physischen Geographie der Tatra-Gruppe, II. 88 †; Städtischen Bevölkerung Oesterreich-Ungarns, IV. 184 †
- Griswold, L. S.: Origin of Lower Mississippi, VII. 334 †
- Grixoni, Capt.: explorations in Somali and Galla countries, II. 359, 461; Jub river, III. 134
- Groeneveldt, W.: Nederlanders in China, X. 648 †; Reis van eene Nederlandsche Vloot, X. 554 †
- Groff, W.: Origine des noms géographiques; Le Nil noir, IX. 106 †
- Groffier, V.: Explorations . . . des missionnaires catholiques, † VIII. 536; X. 656; XVI. 707; XIX. 783; Hongrie pittoresque et économique, IX. 336 †; Production de la soie en France, XVII. 544 †; Do. dans le monde, XVI. 131 †, 357 §; Travaux géographiques des missionnaires catholiques, XIV. 467 †; *see* Ganeval, T. A.
- Grogan, E. S.: Journey from Cape to Khartum, XV. 280; letter on his picture of Mt. Ruwenzori, XVI. 693; Through Africa from the Cape to Cairo, XVI. 164 †, 699 †
- , and A. H. Sharp: From the Cape to Cairo, XVI. 699 †
- Groix, Escuela de pesca de la Isla de: D. A. Sardá, XI. 680 †
- Groller: Die Inselgruppe Pelagosa, VII. 326 †

GROMBCHESKI

- Grombchevski; explorations in Pamirs, VIII. 259
 Groneman, J.: De Garê bégó te Ngajogyá-Kartá, VII. 212 †
 Gros, H.: Géographie médicale, XIV. 688 †
 —, H. F.: Photographs of Transvaal, II. 480
 —, M. G.: La Salvetat et ses environs, XVI. 119 †
 Grosclaude: see Moeurs
 Grosjean, A.: Salines de Tze-Lieou-Tsin, XII. 95 †
 Gross, F. W.: Handelspolitische . . . Bedeutung der Wolga-Strasse im Sommer und Winter, III. 251 †
 Grosse, M.: Die Afrika-Forscher Johann Ernst Hebenstreit und C. G. Ludwig, XX. 131 †, 453 §
 Grosser, P.: Ergebnisse von Dr. A. Stübels Vulkanforschungen, XV. 557 †; Geologische Betrachtungen auf vulkanischen Inseln, XV. 199 †
 Grossglockner, Rund um den: F. Löwl, XIII. 674 †
 Grossi, V.: Emigrazione Italiana al Brasile, IV. 579 †; Geologia e Mineralogia del Brasile, X. 431 †; Nel paese delle Amazzoni, X. 651 †
 Grossler, H.: Führer durch das Unstruthal, I. 82 †; III. 250 †; Do. über Kiffhäuser und Wodansberg, XI. 448 †; Urkundliche Nachweise über den Lauf der Saale, XI. 191 †; Zur historischen Karte der beiden Mansfelder Kreise, IX. 232 †
 Grossman, K.: Across Iceland, III. 261 *; Die Aenderung der Temperatur . . . an der deutschen Küste, XIX. 522 †; Faeroes, VII. 1 *; Glaciation in Iceland, II. 561 †; Journey in Iceland, IV. 453; VI. 381
 —, and O. Cahnheim: Photographs of Iceland, V. 192; Faeroes, IX. 120
 Gross-Venediger, Der: F. Löwl, V. 504 †
 Grosvenor, E. A.: Growth of Russia, XVI. 363 †; Siberia, XIX. 106 †
 —, G. H.: Geographic conquest, of nineteenth century, XIX. 661 †; Plans for reaching S. Pole, XIV. 586
 Grothe, L. H.: Deutsche Kulturmission in Kleinasien, XV. 193 †; Ein Besuch in Bengasi (Cyrenaika), VIII. 532 †; Tripolitaniern und der Karawanenhandel nach dem Sudan, XIII. 215 †
 Grothe-Harkanyi: Friedhöfe und Todtengengebräuche der Eingeborenen Algeriens, VIII. 651 †
 Grottoes: see Caves
 Grouard, E.: Eldorados du Nord-Ouest Canadian, XVIII. 457; Voyage dans le district Athabasca, IX. 106 †
 Ground-water, Fluctuations of (U.S.A. Dept. Agric.): F. H. King, I. 282 †, 364 §; Principles and conditions of

GSELL

- movement of: Id., XVI. 373 †; Theoretical investigations of motion of: C. S. Slichter, XVI. 374 †
 Grout, L.: Isizulu; Grammar of Zulu language, III. 162 †
 Grove, Lady: Seventy-one days . . . in Morocco, XX. 126 †
 Grove, D.: Africa oriental portugueza, XI. 199 †
 Grubb, W. B.: Chaco Boreal; land and people, XVI. 491 †
 Gruber, C.: Das Ries, XV. 293 †; Der Hesselberg am Frankenjura, etc., VIII. 188 †; Die zur Landeskunde Bayerns . . . Literatur (1892-93), VI. 193 †; (1894-95), VIII. 647 †; (1896-1900), XX. 239 †; Verdienste Lorenz von Westenrieders, VI. 200 †
 Grulich, O.: Katalog der Leopoldinisch . . . Akademie der Naturforsch. r, VII. 570 †; XIV. 236 †
 Grum Grjimaïlo, C. E. and M. E.: journeys in E. Tian Shan, VII. 656
 Grunau, Baron von: Reise nach Siwah, XV. 62 §; Ritt quer durch Korea, XI. 91 †, 178 §
 Grund, A.: Veränderungen der Topographie im Wiener Walde, etc., XIX. 648 †; XX. 451 §
 Grundy, G. B.: Great Persian War and its Preliminaries, XIX. 227 †, 360 §; letter on A. Hauvette's paper on battle-field of Plataea, III. 525; Murray's Handy Classical Maps: Gallia, XV. 93 †; Germania, etc., XVI. 496 †; Græcia, XVIII. 116 †; Italia and Sicilia, XVI. 134 †, 234 §; Palestine, etc., XVI. 498 †; Researches at Plataea, II. 16; Surveys in Boeotia, I. 262; Topography of Battle of Plataea, III. 250 †
 Gruner, H.: Astronomischen Beobachtungen . . . im Togohinterlande, XI. 198 †; Beiträge zur Hydrologie der weissen Elster, I. 373 †; expedition in Niger basin, VII. 96; Hans Gruner (biography), VII. 339 †; on Harmattan wind, XIV. 445; Surveys in Togoland, VI. 282
 —, and E. Baumann: Meteorologischen Beobachtungen in Misahöhe, VIII. 311 †; Siedepunktbestimmungen [in Togo], VIII. 531 †
 —, Döring, und von Carnap: Expedition des Deutschen Togo-Komitee's (map), VII. 451 †
 Grunzel, J.: Die transsibirische Eisenbahn, XVII. 210 †
 Grusinische Militärstrasse, Die: C. Hahn, VIII. 412 †
 Gruyer, P.: Carcassonne, XI. 191 †; Saint-Guilhem-le-Désert, XVII. 85 †
 Gryse, P. de: A travers le Sikkim, V. 180 †; Les premiers habitants du Bengale, X. 648 †
 Gsell, S.: Monuments historiques de l'Algérie, XX. 668 †

GSELL-FELS

- Gsell-Fels, T.: Biography, XIII. 461 †
 Guadalecanar—Murder of Baron von Foulton-Norbeck in, VIII. 642; Woodford's expedition to, XV. 71
 Guadalupe peak, Andes; height, XVIII. 334
 Guadeloupe—
 Geological and physical development of Guadeloupe: J. W. Spencer, XIX. 236 †
 Guadeloupe en 1899: A. Isaac, XIV. 685 †
 Guadeloupe et dépendances: M. L. Guesde, XVII. 94 †; Do. (Map): A. Boitainais, XX. 680 †
 Guadua tree, Napo river district, III. 484
 Guaicuru: G. Boggiani, XIV. 230 †
 Guajará-mirim fall, Madeira river, XII. 388
 Guallabamba river, Patagonia, XIV. 377
 Guaporé river, Amazons, XVII. 374; L'exploitation du haut Guaporé, XIX. 402 †
 Guarani language—Vocabulario de la lengua Guarani: P. Restivo, VI. 197 †; Lingue Guarani Grammatica Hispanice: P. Restivo, VI. 198 †
 Guarducci, F.: Astronomia . . . nella determinazione delle latitudini, V. 397 †; Stabilire in Roma un caposaldo fondamentale per le quote italiane, X. 459 †
 Guash Ngishu tribe, E. Africa, XIV. 147
 Guaso Maso fort, E. Africa, IX. 385
 ——— river, XIV. 277
 ——— Laschan, IV. 412
 ——— Mairi, IV. 507
 ——— Nairobi, IV. 507
 ——— Nairotia, IV. 412
 ——— Narok or Black river, IV. 412
 ——— Nyiro river, I. 534; II. 539; IV. 109; XVI. 79
 ——— Nyuki, IV. 312
 ——— Nyuri, IV. 412
 ——— Ranganatan Nado, IV. 412
 ——— Thégu, IV. 507
Guatemala—
 Alta Verapaz: K. Sapper, XIX. 775 †
 Auf alten Wegen in Mexico und Guatemala: C. Seler, XV. 701 †; XVII. 192 §
 Biologia Centrali-Americana: *see* America, Central
 Bureau of American Republics, Bulletin, VII. 681 †
 Caoutchouc au Guatemala, XVI. 254 †
 Culture du Café: F. W. Morren, XVI. 254 †
 Chaculá, Die alten Ansiedelungen von: E. Seler, XX. 220 §
 Deutschum in Guatemala: H. Buhle, XIX. 402 †
 Earthquakes, XX. 50; E. Rockstroh, XX. 360 †
 Ethnography: K. Sapper, I. 281 †

GUERNESS**Guatemala—continued.**

- Excursion to S. Borders: K. Sapper, II. 281 †
 Glimpse at Guatemala: A. P. Maudslay, XV. 196 †, 392 §
 Maps—Ausbreitung des Erdbebens von: K. Sapper, XX. 568 †; Verbreitung der Sprachen: Id., I. 383 †; Republik Guatemala: Id., V. 190 †
 Memoria . . . de la República, VIII. 192 †
 Mountain Chains of C.: K. Sapper, I. 281 †
 Physikalischen Geographie von Guatemala: K. Sapper, V. 285 †
 Political divisions, IV. 379 †
 Railway surveying in Guatemala and El Salvador, XVII. 77
 Stone-Sculptures: A. Bastian, I. 473 †
 Trade, I. 169; Reports, † XII. 437; XV. 300; XVI. 585; XX. 561
 Volksdichligkeit der: K. Sapper, IX. 683 †
 Vulkane von Guatemala: K. Sapper, 281 †; VI. 393 †; IX. 448 §, 580 †; XVI. 478 §, 585 †; Kartenskizze der Vulkane in W. Guatemala: K. Sapper, VI. 105 †; Vulkan-Skizzen aus Guatemala und Salvador: K. Sapper, XVI. 496 †; Types of Craters in Guatemala and Mexico, IV. 67
 Wissenschaftliche Ergebnisse einer . . . Reise durch Mexico und Guatemala: E. Seler, XIX. 775 †
 Guatós, Tres semanas entre los: J. Koslowsky, VII. 445 †
 Guatusos of Costa Rica, X. 65; Photographs: E. Pittier, XI. 111
 Guaviari river, S. America, XVII. 364
 Guayakis of Argentina and Paraguay, XVIII. 580; R. L. Nitche on, XIV. 567
 Guayana: *see* Guiana
 Guayaquil, Ecuador, I. 156; Railway to Quito, XIX. 315; Trade Rep., XIV. 462 †
 Guayaquis: *see* Guayakis
 Guayas, Rio, Ecuador, I. 154
 Guayra, Al Salto: P. Antonelli, IX. 108 †
 Gubaida, Tana river, IV. 100
 Guban plains, XI. 16
 Gubernatis, Comte A. de: La Roumanie et les Roumains, XIII. 452 †
 Guchen, Tibet, IX. 554
 Guela Mandhata mt., Himalayas, II. 260
 Guénin, E.: La Russie, histoire, géographie, littérature, XIX. 228 †
 Guénot: Effets de débaissement des montagnes, VII. 117 †; Do. dans les Pyrénées, IX. 335 †; XI. 447 †; Les inondations de 1897 et les effets, etc., XVI. 362 †
 Gueritz, E. P.: Br. Borneo, XI. 451 †
 Guerlach, M.: Chez les sauvages de la Cochinchine orientale, IV. 85 †
 Guerness Gill Delta, Lake District, VI. 146

GUERNSEY

- Guernsey, Ordnance Survey maps, XVII. 329 †
 Guesde, L.: Guadeloupe et dépendances, XVII. 94 †
 Guest, A. R.: Itinerary from Kantara to El Arish, XIII. 281 *; Oases of Mudrieh of Assyut, XVI. 655 *; XVII. 449 †
 —, Lady T.: Round trip in N. America, V. 608 †
 Guevara, A.: Procedimiento grafico para determinar la latitud y la meridiana, IX. 111 †
 Guffroy, M.: Carte de la Guyane française, XIX. 246 †
 Guge plain, Tibet, XV. 168, 256
 Guggi glacier, Alps, XII. 146
 Gugird or Sulphur hills, Persia, VII. 168
 Guglielmo, G.: Areometri ad immersione totale, XV. 673 †; XVI. 258 †

Guiana—

- Boundaries: *see below*
 Capuchin Missions, early, IX. 446
 Explorations françaises à l'intérieur de la Guyane: H. Froidevaux, VI. 490 †, 571 §
 Guiana and Venezuela Cartography: P. L. Phillips, XII. 635 †
 Guyane et le contesté franco-brésilien: Levat, XII. 327 †
 Indians of: J. J. Hartsinck, III. 440 †
 In the Guiana Forest: J. Rodway, VI. 198 †
 Maps—Guiana and Venezuela: Stanford, VII. 342 †; Guiana and Venezuela Cartography: P. L. Phillips, XII. 635 †; Sir W. Raleigh's map, I. 167 §, 190 †
 Peuples autochtones des Guyanes: M. Guffroy, XIX. 776 †
 Rivière Vincent Pinzon: . . . cartographie de la Guyane: P. Vidal de la Blache, XIX. 659 †, XX. 343 §
 Spanish accounts of: J. Rodway, V. 584 †
 Trade (French and Dutch: F. O. Rep.), XV. 441 †; XVII. 453 †
 Brazilian: characteristics, I. 272
 Régions de Cachipour, de Counani et de Carsewenne: C. Mathis, XX. 359 †
 British—
 British Guiana: N. Schjander, IX. 465 †
 —, a Sketch: Sir D. Chalmers, VII. 565 †
 Four months of travel in: G. C. Dixon, V. 337 *
 Gold-mining, III. 334; History and prospects: H. Hunter, II. 280 †
 — and forest industries, Report, X. 652 †; XII. 635 †
 Guyane britannique: O. Fontaine, XII. 436 †
 Map: G. Philip, VII. 342 †

GUIANA

Guiana—continued.

- Notes on: E. F. im Thurn, I. 378 †; H. T. Perkins, VI. 98 †
 Our peasant population: S. M. Belhairs, XI. 571 †
 Photographs: C. B. Case, XX. 570
 Place-names, alphabetical list: E. im Thurn, XV. 668 †
 Possibilities of: G. G. Dixon, V. 217 †
 Reports, Colonial, † XII. 635; XVI. 702; XVIII. 458
 — on conglomerate prospection expedition: C. W. Anderson and W. A. Dunn, VII. 445 †
 Schomburgkiana, IX. 108 †
 Seamy side of: F. Comyn, VII. 445 †
 Stark's guide-book and history, XIII. 217 †
 Swedish legend in: G. Edmundson, XV. 668 †
 Twenty-five years in: H. Kirke, XII. 101 †
 Dutch—
 De Boven-Nickerie onderzocht, etc.: C. van Drimmelen, XIV. 230 †
 Exploration, XVII. 433; De Expeditie van Cappelle naar Suriname's Binnenland, XVII. 558 †; Koppenname Expedition, XVIII. 625; XIX. 758; Suriname Expeditie, XIX. 236 †
 Surinaamsche belangen: E. Heldring, XVIII. 235 †
 Trade Rep., XVIII. 644 †
 Verslag van eene reis naar de Lawa: W. C. Loth, IV. 379 †
 French—
 Carte de la Guyane française: M. Guffroy, XIX. 246 †
 Chez nos Indiens: H. Coudreau, II. 380 †
 De Cayenne à l'Oyapock: R. Montclavel, XVII. 558 †
 Explorations, early, in interior: H. Froidevaux on, VI. 571
 Guyane française, etc.: G. Brousseau, XIV. 230 †; L. F. Viala, VIII. 192 †
 Mines . . . de la Guyane française: M. Hoarau-Desruisseaux, XIX. 110 †
 Notice sur la Guyane: E. Bassières, XVII. 94 †
 Railway project, XV. 646
 Richesses de la Guyane française, etc.: G. Brousseau, XIX. 236 †
 Trade Rep., XV. 438
 Boundaries, XVII. 354; Het Fransch-Braziliaansch Grensgeschied in verband mit . . . Nederlandsch Guiana: H. D. Benjamins, XIV. 230 †
 Anglo-Brazilian arbitration treaty, XX. 359; Anglo-Venezuelan, XV. 67, 85 †, 300 †, 554 †, 668 †; XVII.

T

GUIANA

Guiana—*continued*.

- 78, 193; Arbitrage anglo-vénézuélien de Guyane: G. Pariset, XVIII. 235 †; G. Vasco, XVI. 254 †; Britisch Venezuelaansch Grensgeschil: J. B. Breukelman, XVI. 127 †; Guiana and Venezuela Boundary: G. G. Dixon, VII. 99; British Guiana and its Boundary: E. im Thurn, XVI. 254 †; Contesté anglo-vénézuélien en Guyane: G. Pariset, XII. 214 †; Documents on boundary with Venezuela, VII. 445 †; (Further), VIII. 420 †; IX. 108 †, 446; Evidence of maps: Sir C. R. Markham, VII. 100, 277*, 309*; Geographical results of Venezuela-British Guiana boundary dispute: M. Baker, XIX. 403 †; Grenze von Britisch Guyana: H. Wichmann, VII. 445 †; Historique du conflit anglo-vénézuélien: G. Pariset, XIV. 230; Territorio contestato tra la venezuela e la Guiana Inglese: G. Cora, IX. 108 †; Question of Br. Guiana boundary, VII. 565 †; Venezuela and Br. Guiana: H. R. Mill, VII. 217 †
- Dutch, VII. 278; Een grenskwestie: L. A. Bakhuis, XX. 469 †; Grenzen van Nederlandsch Guiana: H. D. Benjamins, XIII. 457 †
- French — Arbitrage du contesté franco-brésilien: G. Vasco, XVII. 558 †; Belissing in het Fransch-Braziliaansch geschil: J. B. Breukelman, XVIII. 113 †; Contesté franco-brésilien, XI. 571 †; XVII. 558 †; P. A. Georgette, XVIII. 113 †; P. Vidal de la Blache, XVII. 558 †; Grenzstreit zwischen Brasilien und Frankreich: W. Sievers, XX. 248 †; Guiane et le contesté franco-brésilien: E. D. Levat, XII. 327 †; Placers aurifères du contesté . . . Id., XII. 437 †; Territoire contesté . . . G. Brousseau, XV. 441 †; *see also* Brazil, and France, Foreign relations
- Guiano-Brazilian sub-region of Neotropical region, V. 479
- Guiliani, C.: V. Böttogo (Biography), XI. 574 †
- Guillemard, F. H.: Australasia, V. 91 †; Island of Engaño, IV. 153*
- Guillemot, M.: Le Congo français, XVII. 90 †
- Guillot, E.: Européens dans l'Asie orientale, XIX. 230 †; France au Laos, I. 84 †
- Guilmot, D.: CEARÁ et Amazonie, XVI. 127 †
- Guinea—**
Bewohner der Guinea-küste: R. Forberg, XX. 126 †

GULF STREAM

Guinea—*continued*.

- Chronicle of discovery and conquest of: G. E. de Azurara (trs. C. R. Beazley and E. Prestage), IX. 240 †; XIII. 679 †; XIV. 665 §
- Guinea Coast and Niger; Anglo-French boundaries, XII. 73
- Guinea española, XII. 99 †; XVI. 251 †; Do. y los problemas africanos: D. R. Maria de Labra, XIII. 94 †
- Harmattan in Upper Guinea, XIV. 445
- New account of some parts of: Capt. W. Snelgrave, I. 473 †
- Guinea, French—**
Ascension au Kakoulima: E. Saleses, XIII. 322 †
- Chemin de fer de Conakry au Niger: E. Saleses, XIV. 118 †
- Climat de la Guinée française: G. Paroisse, VIII. 531 †
- En Casamance: E. Courtet, XVIII. 232 †
- Guinée française: M. Maclaud, XI. 684 †; XVI. 250 †; C. Piquerez, XIII. 322 †; Notice sur: M. Famechon, XVII. 91 †
- et le Fouta-Djalon: M. Noirot, XIX. 399 †
- La Casamance, etc.: P. Arnaud-Regis, XIV. 681 †; A. Chevalier et A. Cligny, XVIII. 109 †
- Mission à travers la Guinée et la Fouta-Djallon: M. Maclaud, XIV. 582 †, 664 §
- Nouvelle voie de pénétration vers le Niger: E. Salesse, IX. 239 †; Conakry au Niger: Id., XI. 685 †; XV. 438 †
- Plantations dans la . . . G. Paroisse, IX. 106 †
- and Equatorial Currents: J. Y. Buchanan, VII. 267, 568; Guinea en Equatorial Stroomen (k. Nederlandsch Met. Inst.), VII. 452 †
- Guiraud, J.: L'Etat Pontifical après le Grand Schisme, VIII. 307 †
- Guise, R. E.: Photographs of New Guinea and N. Queensland, XII. 552; XVI. 596; XX. 478
- Gujarat, Province of: A. Rogers, VII. 677 †
- Gujranwala district: Gazetteer, VI. 581 †
- Gukassian, A.: Parallelismus der Gebirgsrichtungen, etc., XV. 198 †
- Gulbenkian, C. S.: Photographs in neighbourhood of Aras and Kur rivers, Transcaucasia, XVI. 380
- Gulcha, C. Asia; geology of neighbourhood, XI. 665
- Gulf Stream—**Course, XI. 529; in Arctic, XIV. 176; influence, XI. 611; investigations, IV. 254
- Currents of: J. Thoulet, III. 256 †
- Golfstrom und der Kuro-Siwo: O. Livonius, XX. 492 †
- Gulf Stream, The: A. Agassiz, IV. 381 †
- Limites du, dans l'Océan glacial: P. B. Galitzine, XV. 302 †

GULF STREAM

Gulf Stream—continued.

- Origin of Gulf Stream water: P. T. Cleve, XVI. 130†
- Relations of Gulf Stream and Labrador current: W. Libbey, III. 351†; VIII. 424†
- Temperatur . . . der Golfstroms: A. Lindenkohl, VII. 448†
- Temperaturen im Gulf von Mexico und in Golfstrom: A. Lindenkohl, VII. 452†; VIII. 181
- Gulfei, Shari river, XII. 79
- Gulishambaroff, S. O.: Commerce during nineteenth century, etc., XI. 688†
- Gull Rapids, Labrador, V. 525
- Gullfoss, Iceland, III. 266
- Gulliver, F. B.: Cusplate Forelands, X. 554; Dungeness Foreland, IX. 356*; X. 454; Newtonville Sandplain, III. 533†; Notes on French Geography, X. 118†; Shoreline Topography, XIV. 344†
- Gullmarfjord, Hydrography of: A. Palmqvist, III. 158†
- Gulston, A.: Baltic and Arctic voyages of the *Ermack*, XVIII. 115†
- Guman, Wadi, IX. 623
- Gumbaz: see Bozai Gumbaz
- Gumbel, K. W. von: Biography, XIII. 99†; Ueber . . . in Bayern wahrgenommenen Erdbeben, XII. 92†
- Gumbi mts., geology, XV. 267
- Gumbum: see Kumbum
- Gummá y Martí, A.: Inmigración y Colonización Europea . . . Uruguay, VI. 198†; Le Dondiin et les Philippines, X. 455†
- et Romanet du Cail-
laud: El archipiélago Dondiin, etc., XI. 91†
- Gunda Yauki, Tibet, XV. 405
- Gundry, R. S.: China, present and past, V. 506†; Corea, China and Japan, V. 87†
- Gune, Asia Mi., IX. 274
- Gunga-nor, lake, III. 365
- Gunong Kerban, Perak, G. A. Lefroy's Ascent, II. 167
- Ledang: see Ophir, Mt.
- Tahan; ascent by J. Waterstradt, XIX. 213
- Günther, A.: Anniversary address (deep-sea fauna), XI. 206†
- , E.: German Imperial Manœuvres in Pomerania, XVII. 545†
- , R. T.: Geography of Lake Urmi, XIV. 504*; XV. 295†; Natural History of do., XV. 549†; organisms of marine type in Lake Tanganyika, VII. 663; Phlegraean Fields, X. 412*, 477*; XI. 192†; scholarship awarded to, V. 377; visit to Lake Urmia, XII. 410
- , and J. J. Manley: Waters of salt lake of Urmi, XVI. 123†
- , S.: Akustisch-Geographische Probleme, XVIII. 114†; XIX. 406†; Bayerischen-böhmische Erdbeben, XIV.

GUYER-ZELLER

- 110†; Bedeutung de la Métherie's für die . . . Erdkunde, XVI. 110 §, 258†; Biography of C. G. Ehrenberg, VII. 222†; of Johannes Honter, XIII. 461†; Erd- und Himmelsgloben, VI. 587†; Erdkörper als Organismus, XX. 563†; Erdkunde in den letzten zehn Jahren, XI. 461†; Gegenwärtige Standpunkte der Lehre von Glacial-Erosion, XIX. 661†; Glazial und Drifthypothese auf bayerischen Boden, IV. 468†; Grund-lehren der mathematischen Geographie, etc., IX. 244†; Handbuch der Geophysik, XI. 322†; Humanismus in . . . die Entwicklung der Erdkunde, XIX. 409† "Hylokinese" eine Vorläuferin der terrestrischen Morphologie, IX. 244†; Jakobstab als Hilfsmittel geogr. Ortsbestimmung, XI. 572†; Johann Eck als Geograph, IV. 471†; Kammerbuhl, II. 277†; G. C. Liechtenburg und die Geophysik, XV. 541, 674; Münchens Geographische Gesellschaft, IV. 474†; Studien zur Gestaltung der Flussläufe, V. 185†; Ueber gewisse hydrologisch-topographische Grundbegriffe, XX. 363†; Wissenschaftliche Bergbesteigungen in älterer Zeit, IX. 116†
- Guntter, O.: Die Deutsche Hansa, VII. 568†
- Gurat valley, ruins in, IV. 496
- Gurdaspur district; Gazetteer, II. 472†
- Gurg, Persia, XIX. 159
- Gurgler Kamm, Der: G. Becker, IX. 457†
- Gur-i-Bahram, Persia, VII. 173
- Gurla, mt., Tibet, XV. 243
- Gurruudu, ruin; Morocco, XIX. 191
- Gurui, mt., E. Africa, V. 355; X. 327; Count von Götzen's ascent, IV. 273; O. Neumann's ascent, VI. 274
- Gusha, Somaliland: see Goshu
- Gusinje, Montenegro, IV. 393, 405
- Güssfeldt, P.; ascent of Aconcagua, IX., 223
- Guthrie, F.: . . . Evolution as illustrated by geographical distribution of plants, V. 185†
- Guttenberg, A. von: Waldmisshandlung in unseren Alpenländern, XIII. 688†
- Güttner, P.: Geographische Homologien an den Küsten, etc., VI. 395†; VII. 318 §
- Gutzwiller, A.: Zur Altersfrage des Löss, XIX. 523†
- Guy, C.: Adaptation des produits de l'industrie aux besoins du commerce extérieur, etc., XVII. 327†; Etablissements français de l'Inde, XVII. 88†; Mise en valeur de notre domaine colonial, XVII. 218; Mission Bonnel de Mézières, XV. 297†; Résultats . . . des explorations du Niger, XV. 82†; Transvaal, XIV. 228†
- Guyer-Zeller: Proposed Jungfrau railway, X. 226†

GUYOT

- Guyot, C.: Annales de l'observatoire météorologique du Mont Blanc, XI. 680 †; Carte du massif du Mont Blanc, XII. 321 †; Description . . . du village et de son territoire, XI. 680 †; La forêt de Darney, XX. 666 †
- , Y.: Boers and Uitlanders, XVI. 251 †; Des Caractères de l'évolution et de la régression des sociétés, XX. 564 †; Sugar industry on the continent, XX. 665 †
- Guyou, E.: Méthode des distances lunaires, XX. 363 †; Problèmes de navigation et la carte marine, VII. 337 †; Vie . . . de M. l'Amiral Paris, VI. 101 †; *see* Schwerer
- , G.: A School Orrery, XVII. 456 †; Un nouveau planétaire, XX. 362 †
- , et E. Reclus: D'un atlas à échelle uniforme proposé, X. 459 †
- Guzmán, A.: Fronteras de Bolivia, XX. 469 †
- Gwádur, Makrán, XIX. 128
- Gwaso Nyiro: *see* Guaso
- Gwato, W. Africa, I. 128
- Gwynn, C. W.: Photographs of Abyssinia, XVIII. 654 †; of Blue and White Niles, XVIII. 248 †; Surveys on Sudan-Abyssinian frontier, XVIII. 533, 562*; XIX. 756 †
- , S.: Highways and byways in Donegal and Antrim, XVII. 86 †
- Gyanima fort, Tibet, XV. 253, 255
- Gya-yul-chu, W. China, XV. 622
- Gylden, H.: Variations périodiques des latitudes terrestres, I. 472 †
- Gympie goldfield, Report: W. H. Rands, XX. 361 †
- György, A.: Les Bohémiens en Hongrie, VIII. 648 †
- Gypsy Road, The, Journey from Krakow to Coblenz: G. A. Cole, IV. 84 †
- Gyroscope, Latitude and longitude by: E. Durant-Gréville, IX. 565
- Gyuljuk, lake, Asia Mi., XX. 176

H.

- HAACK, H.: H. Wagner . . . über die Lage des geographischen Unterrichts, XVII. 218 †
- Haage, R.: Die deutsche Nordseeküste, XVI. 361 †
- Haan, F. de: Naar Midden-Sumatra in 1684, X. 550 †; Uit Oud-Batavia, XVII. 320 †
- Haardt, V. von: Begleitworte zu den Blättern . . . der Balkan-Halbinsel, XII. 426 †; Biography, X. 555 †; Nord-Polar Karte, XIII. 332 †; Militärischen Kartenwerke der europäischen Staaten, XIV. 330 †; Militär-topographischen Arbeiten in den europäischen Staaten, XVI. 484 †

HADLEY

- Haast, Sir J. von: Exploration of S. Alps of New Zealand, I. 33
- Habasat or Habis, VII. 420
- Habel, J.: Ansichten aus Südamerika, X. 122 †, 543; At Western sources of Athabasca river, XX. 358 †; Aus den Alpen Nordamerikas, XVII. 451 †; Aus den argentinischen Anden, IX. 342 †; North Fork of Wapta, XII. 212 †; North-Forkthal in Britisch-Columbien, XII. 634 †
- Habenicht, H.: Atlantic icebergs and climate of Europe, I. 172; Grundriss einer Schöpfungs-Geschichte, VIII. 425 †; Justus Perthes' See-Atlas, V. 96 †; Map of the world, I. 255; Methodischer Wand-Atlas, Britische Inseln, II. 94 †; Neue Methode zur Veranschaulichung der Kartenmassstäbe, XVIII. 459 †; Specialkarte von Afrika, I. 94 †
- Haberer, F.: Ueber Lepra in Hawaii, XIII. 684 †
- Haberlandt, M.: Biography of Oskar Baumann, XVI. 494 †
- Habitable lands, Development of: H. R. Mill on, XV. 652
- Habr-a-erde, VIII. 122
- Habrje peak, Somaliland, XI. 19
- , well, XI. 22
- Hacha, Rio, et les Indiens Goajires: H. Candelier, II. 380 †
- Hachez, F.: Voyage de François Vinchant, XI. 88 †
- Hackman, V.: Beobachtungen . . . des Yoldia-Meeress in Finland, XV. 547 †
- Hacquart, Père: De Marseille à Ségou-Sikoro, VII. 214 †; De Tombouctou aux bouches du Niger, XI. 95 †; Promenade au Mossi, XVIII. 109 †
- Hadaï, Wadi, VIII. 342
- Haddington Mt., Antarctic, VII. 628
- Haddon, A. C.: Decorative art of Br. New Guinea, VI. 98 †; expedition to Torres straits and Borneo, XI. 437; XII. 193; on Geology of Torres straits, IV. 568; Head-hunters, black, white, and brown, XIX. 654 †; XX. 444 §; Life and industries in Ireland, VII. 561 †; Pre-Columbian colony in Massachusetts, XVII. 557 †; remarks on "In the Heart of Borneo," XVI. 59; studies in Torres Straits, XIV. 302; Studies in anthropogeography of Br. New Guinea, XVI. 265*, 414*; XVII. 95*
- , and C. R. Browne: Ethnogeography of Aran Is., co. Galway, II. 561 †; IV. 59
- , W. J. Sollas, and G. A. Cole: Geology of Torres Straits, IV. 285 †
- Hadg, Aden, Excursion à l'Oasis de la: D. Charnay, XII. 429 †
- Hadi, Wadi, ancient structures near, VIII. 341
- Hadley, G.: Cause of trade-winds, IX. 112 †

HADRAMUT

- Hadramut, Arabia, II. 489
 Aufenthalt in Makalla: L. Hirsch, X. 468 †
 Austrian expedition to, XIII. 638
 Derivation of name, A. Jahn on, XVII. 72
 Expedition to: J. T. Bent, II. 457; III. 234, 422; IV. 23, 315*, 458
 Journey in: L. Hirsch, III. 196*, 530 †; X. 438 §
 Slave population, IV. 322
 Valley of, VI. 131
 Hadriani, site of, IX. 265
 Hadrianotherae, Mysia, IX. 164, 167
 Haeckel, E.: Antarctic exploration, III. 23; Aus Insulinde, XIX. 654 †; XX. 442 §; Indische Reisebriefe, III. 159 †
 Haenke, T.: biography: V. Ballivian and P. Kramer, XII. 440 †; Do.: C. F. Duro, XX. 473 †; Descripcion del Peru, XIX. 403 †
 Haera, Wadi, VII. 162
 Haffner, J. F. W.; obituary, XVII. 313
 Hafnergruppe, Tauern: E. Kordon, XIII. 674 †
 Hagari people, New Guinea, XVI. 282
 Hagarsu falls, Tana river, VIII. 288
 Hagen, B.: Besteigung des Vulkans Kaba auf Sumatra, XVIII. 638 †; Biography, XVII. 98 †
 —, A.: Province du Chantoung, XX. 667 †
 Hagen-Bischoff, E.: Vermessungen am Rhone-Gletscher während 25 Jahren, XIX. 395 †
 Hagerup, E.: Den Norske Lods, X. 453 †
 Haggard, H. R.: Winter pilgrimage, XIX. 242 †
 Haghier hills, Sokotra, XIII. 635
 Hague, A.: Geology of Eureka district, Nevada, II. 380 †; Geology of Yellowstone National Park, XVI. 584 †; Tertiary volcanoes of Absaroka range, XIV. 339 †
 Hahl, A.: Bismarck-Archipel und Salomons-Inseln, XIV. 463 †; Visit to Shortland Is., XII. 81
 —, C.: Bestand der Kulturpflanzen, XII. 103 †; Das heutige Chorasán, V. 508 †; Grum Grschimailos Forschungen in Turfan, II. 185 †; Grusinische Militärstrasse, VIII. 412 †; Kaukasische Dorfanlagen, VIII. 307 †; Kaukasische Reisen und Studien, IX. 461 †; Transkaspische Eisenbahn bis Tschardschui, XII. 208 †
 —, E.: Demeter und Baubo, XII. 104 †; Die Hausthiere, VII. 338 †; on distribution of beasts of burden, IX. 651; Siedelungskolonien, etc., IX. 467 †; Transportiere in ihrer Verbreitung, XI. 574 †
 —, F.: Die Horn-Expedition in Zentralaustralien, XII. 215 †; Topographischer Führer durch das nordwestliche Deutschland, VI. 483 †

HAITI

- Haibal-gabrain, Hadramut, IV. 318
 Haicoligua or Tath-kyed lake, Canada, VI. 444
 Haidahs of Queen Charlotte Is., Origin of: J. Campbell, XIV. 119 †
 Haiderabad: see Hyderabad
 Haidersee Alps, XVII. 303
 Haifa-Damascus Railway, The, III. 59
 Haig, H. de H.: Physical features . . . of Mauritius, V. 597; VI. 583 †
 —, M. R.: Indus delta country, V. 281 †; VI. 260 §; on ancient and mediæval Mekran, VII. 668; on "Kech-Makuran," X. 449; on Makran, VIII. 524; on N.W. Frontier of India, XII. 622; on Ophir, XIII. 551
 Haigatum glacier, Hindu Kush, I. 134
 Hai-hing-lin mts., Manchuria, XI. 64
 Hail—Projectiles . . . pour prévenir la formation de la grêle: G. Gastine et V. Vermorel, XVII. 215 †
 Hail el Ghaf, VII. 534
 Hainan—
 Birds of: W. R. O. Grant, XVII. 86 †
 Colonisation chinoise: C. Madrolle, XI. 682 †
 Étude sur: C. Madrolle, XII. 430 †, 540 †
 Hai-Nan et la côte continentale voisine: C. Madrolle, XVII. 86 †
 L'île de l'exil: C. Jeremiassen, XIV. 114 †
 Insel Hainan nach Chao Ju-kua: F. Hirth, VIII. 650 †
 Hainault forest, Reconstruction of: Sir R. Hunter, XX. 553 †
 Haine, Bassin de la: J. Cornet, XX. 238 †
 Haines, C. W.: Earthquake in Colima, Mexico, XIX. 234 †
 Haiphong à Yunnan-Sen, Le chemin de fer de, XVIII. 455 †
 Haiti—
 Bureau of American Republics, Bulletin, VII. 681 †
 Dictionnaire géographique . . . illustré: S. Rouzier, II. 188 †; IV. 579 †
 Die Insel Haiti: L. G. Tuppenhauer, I. 184 †; III. 49 §
 Geologie Haitis: L. G. Tuppenhauer, † XV. 85; XVIII. 554, 644; XIX. 402; Geologische Studien in: Id., XIV. 230 †
 Haiti: W. F. Powell, XVII. 453 †
 Haitianischen Regierungsbeamten: R. von Fischer-Treuenfeld, XII. 215 †
 Il terremoto nell' isola di Haiti: G. Agamennone, XIII. 458 †
 Maps—Eruptivzone von Terre-Neuve: L. G. Tuppenhauer, XVIII. 247 †; Geologische Karte . . . von Südwest-Haiti: Id., XIII. 574 †; Haiti and Porto Rico (Service géog. de l'Armée), XV. 202 †; Morne de la Selle, etc.: L. G. Tuppenhauer, XVIII. 463 †, 653 †
 Through Haiti: H. Prichard, XVI. 306 *

HAITI

Haiti—continued.

- Where Black rules White: H. Prichard, XVII. 325 †
- Haj road, Palestine, V. 11
- Hajaren, Hadramut, III. 203; ruins at Hajarein, IV. 325
- Haji Hamza, III. 327
- Hajowen and Hajualla villages, Somaliland, I. 211
- Hakkaland, Ride in: E. A. Irving, V. 87 †
- Hakluyt, R., His life and work: Sir C. R. Markham, IX. 686 †; History and works of, IX. 172
- Society, jubilee, IX. 169; objects, IX. 176; work, IX. 175
- Hakluyt's headland, Spitsbergen, XV. 126, 127
- Hakodate, Trade Rep., XVI. 697 †
- Halaib, ruined town near, VIII. 336
- Halbass, W.: Arendsee in Altmark, † VIII. 528, 634; IX. 232; XI. 191; XIV. 577; (Tiefenkarte), VIII. 427 †; Beiträge zur Kenntnis der Pommerschen Seen, XIX. 227 †, 381 §; Binnenseen und der Mensch, XX. 364 †; Bosco . . . Dorf im Tessin, XI. 308 †; Deutsche Sprachinsel Zahre-Sauris in Friaul, IV. 469 †; Dratzigsee in Pommern, XVII. 85 †; Einige Kapitel aus der Seenforschung, XIX. 532 †; Ergebnisse seiner Seenforschung in Pommern, XVIII. 321 †; Gemeinde Obersaxen, XII. 202 †; Karte von Hinterpommern, XIX. 244; Morphometrie des Genfersees, X. 226 †; XI. 308 †; Saley und Ager . . . in Piemont, IX. 233 †; Seeburger See bei Gottingen, XIV. 110 †; Seen des Schwarzwaldes, XIII. 300 §, 318 †; Seen Frankreichs, XII. 92 †; Seenforschung in Frankreich, XI. 447 †; Seenforschung in Italien, VII. 108 †; Steinhuder-Meer, XIV. 110 †; Systematische internationale Seensforschung, XIX. 407 †; Tiefen einiger Seen der Algäuer Alpen (map), VI. 589 †; Tiefen- und Temperatur-Verhältnisse der Eifel Maare, X. 436, 647 †; (Tiefenkarte), X. 347 †; Do. einiger Seen des Lechgebiets, VI. 578 †; VII. 198; Ueber einige Einsturzbecken im Thüringen und der Vorderrhön, XIX. 650 †; Ueber einen Gezeitenkolk im Adriatischen Meere, VIII. 425 †
- Haldane, J. W. C.: 3800 miles across Canada, XV. 298 †
- Haldensee, depth, etc., VII. 199
- Hale, E., obituary, IV. 373
- , H., biography: D. G. Brinton, IX. 468 †; Four Huron Wampum records, IX. 477 †
- Halfa grass industry in Tripoli, IX. 635
- Haliburton, R. G.: Dwarf domestic animals of Pygmies, X. 555 †
- Halicarnassus, principal roads, X. 45
- Halifax, tablet to J. Cabot at, IX. 614;

HAMATA

- Halifax, Quebec, and St. John tide-tables, XIII. 456 †
- Hall, C.: Distribution of Keewatin in Minnesota, XIV. 684 †; Formation and deformation of Minnesota lakes, II. 171, 187 †; Gneisses . . . of S. W. Minnesota, XVI. 583 †; Minneapolis and its environs, XIX. 469 †; Minnesota, XX. 469 †
- , D. B., and Lord A. Osborne: A year's wanderings in South Seas, XIX. 237 †
- , R. N.: Further discoveries at Zimbabwe, XX. 539
- and W. G. Neal: Ancient ruins of Rhodesia, XIX. 495 §, 772 †
- , W.: Longitude by equal altitudes, XIX. 660 †
- , W. H.: Romans on Riviera and Rhone, XIII. 88 †
- , W. T. H.: explorations in Lake Te Anau region, XV. 70
- Halle, E. von: Klimatische Verteilung der Industrie, XV. 426 §, 445 †; Do. (auf die klimatischen Zonen), XIX. 409 †
- Halle, Beschreibung der Stadt: G. Lorenz, XIV. 577 †
- Hallett, H. S.: British trade and integrity of China, XI. 682 †
- and C. E. D. Black: W. China and Tibet, VI. 485 †
- Halley, E., W. Whiston, J. C. Wileke, A. von Humboldt, C. Hansteen: Die ältesten Karten der Isogonen, etc., IX. 113 †
- Halley's earliest equal variation chart: L. A. Bauer, VII. 449 †
- Hallig Is.: Protection of, VII. 544
- Halligey, J.: Photographs of Gold Coast, Yoruba country, etc., I. 384; Transformation of Africa, XV. 81 †; Yoruba country, Abeokuta, and Lagos, III. 253 †
- Hallmundarhraun lava-field, Iceland, XII. 497
- Hallock, C.: One of Canada's explorers (R. Bell), XVIII. 242 †; Two hundred miles up the Kuskokwim, XI. 570 †
- Hallowi, Jebel, VII. 527
- Hall's Creek, Kimberley, XI. 273
- Hall's I., Pacific, VI. 334
- Hallstätter See: J. R. von Liburnau, XI. 446 †
- Halos, Solar and Lunar; G. Hellmann's notes, III. 240
- Halot, A.: L'aptitude des Français à coloniser, XII. 106 †
- Haltermann, H.: Gelbe Wasserbluthe des Meeres, XIII. 98 †; Tiefdruckgebiete südöstlich von den Azoren, XIII. 97 †
- Halwun, Persia, VII. 39
- Halys: see Irmak, Kizil
- Hamada (Japan), Topography of environs of: T. Suzuki, XI. 195 †
- Hamata, Wadi, Egypt, I. 409

HAMBERG

Hamburg, A.: En resa till norra Ishafvet, VII. 447 †; Geologiska Undersökningar i Sarjekfällan, XVIII. 617 §, 634 †; Meereis und Gletscheris, IX. 348 †; Temperaturobservationer i Mälaren och Saltsjön, VIII. 528 †

—, H. E.: La pression atmosphérique en Suède, XIV. 677 †

Hamburg—

Anfänge des modernen Verkehrs Hamburgs mit Vorderindien und Ostasien: E. Baasch, X. 234 †

Elbe und der Hafen von Hamburg: M. Buchheister, XV. 293 †

Festschrift zur Erinnerung an die Entdeckung Amerikas, I. 381 †

Geographical Society, Twenty-fifth Anniversary, XI. 294; Geographischen Gesellschaft in: L. Friederichsen, XII. 441 †

Glacialablagerungen der Gegend von: C. Gottsche, X. 225 †

Historische Topographie der Freien und Hansestadt: W. Methop, VII. 560 †

Port de Hambourg: G. Blondel, XI. 680 †

Trade Rep., † XII. 537; XVI. 361; XX. 350

Wegweiser durch Hamburg und Umgegend, XV. 546 †

Hamburg, D. T.: Photographs of E. Turkistan and Pamir, VI. 108

Hamerkoke tribe, XI. 380

Hamesh, Gold mines of, I. 423

Hamilton, A.: Deep-sea fauna of New Zealand, X. 554 †; Effects of settlement on vegetation in Australia, I. 569 †; II. 269 §; Forests of New Zealand, IX. 243 †; Our knowledge of oceanic areas, IX. 113 †

—, A. R.: Ascents in Mexico, X. 533 †

—, Capt.: explorations in Zambesi region, XV. 64

—, Lord G.: Ocean highways: their bearing on food and wages of Great Britain, III. 436 †; remarks on Vasco da Gama, XII. 16

—, Sir R. V.: remarks on "Renewal of Antarctic exploration," III. 32

—, W. H.: Second Brigade in Chitral Relief expedition, 1895, VIII. 650 †

—, W. R., first presidential address of, IX. 589

Hamilton inlet and river, Labrador, V. 524

— and Coen gold-fields, Report: L. C. Ball, XX. 361 †

Hamite tribes of E. Africa, XII. 413; Hamitic race, G. Sergi's work on, X. 178 §

Hammam Ali, petroleum springs at, IX. 530

Hammarstrom, R.: Åtsärinselkä och Välväsi sjöar, XIV. 331 †; Jakttagelser

HANBURY

öfver Lappajärvi sjö, VIII. 413 †; Bötomben, XIV. 331 †; Strandbildningar och marina gränsen i södra Osterbotten, XIX. 651 †

Hammer, E.: Das "Areal eines Landes," VII. 218 †; Equal-area projection for equatorial maps, XV. 427; Flächenangaben in der Geographie, XVI. 129 †; Hammer-Fennel'sche Tachymeter-Theodolit, etc., XIX. 660 †; Karten-netzentwürfe, IX. 581 †; Karten von Wangen und von Lindau, etc., XI. 457 †; Konstruktion der Mercator-Projektion, XII. 328 †; map of the world, I. 255; Messungsmethoden der chilenischen Grenzkommission, XIX. 530 †; Terrain-darstellung mit schiefer Beleuchtung, XII. 103 †; Unechteylindrische . . . flächentreue Abbildungen, XVI. 129 †; Vergleichung einiger Abbildungen eines kleinen Stücks der . . . Erdoberfläche, XIV. 344 †

—, R.: Sjöopmaalingar under Island og Færøerne, XVIII. 103 †

Hammerich, A.: Studier over islandsk Musik, XVI. 244 †

Hammer-Purgstall's account of Kais, VII. 649

Hammond, J. H.: Gold mines of Witwatersrand, XI. 570 †

Hampshire, Handbook of: J. Murray, XIV. 113 †

Hamrin, Jebel, IX. 529

Hamun Lora, IX. 405

Hamun-i-Helmand, XIX. 143, 145

Hamuni-i-Mashkul, IX. 416

Hamy, E. T.: Capitaine René de Laudonnière, XX. 675 †; Collection de dessins de d'Entrecasteaux, VII. 568 †; IX. 114 †; Documents sur l'anthropologie de la Corée, IX. 575 †; Early maps of Java, XIV. 423; Etudes historiques et géographiques, XI. 323 †; F. et A. d'Albaigne cosmographiques, VII. 222 †; Français au Spitzberg au XVIII^e siècle, VII. 561 †; Imitateurs d'Alexandre Brunias, etc., VII. 569 †; Les races jaunes, VII. 221 †; Nécropole Berbère d'Henchir-el-Assel, IX. 577 †; Publications scientifiques, XIX. 662 †; Races Malaises et Américaines, IX. 583 †; Yellow Races, XI. 105 †

Han, Exploration de la grotte de: E. A. Martel, XIII. 451 †

— river, Korea, XI. 288; L. O. Warner's journey up, I. 546

— tributary of Yang-tse, XII. 236; XIX. 712

Hanauer, T. E.: on inscriptions in Salkhad, V. 24, 27; Tell er Reesh, XIII. 214 †

Hanbury, D.: Expedition to N. Canada, XX. 655; Journey from Chesterfield Inlet to Great Slave Lake, XVI. 63 *, 479, 489 †; Photographs of N.W. Territories, XVI. 139

HANDEI

- Handei mts.; Kruger on forests and plantations of, VIII. 183
 Handtke, F., and A. Herich: Schweiz (map), VI. 202 †
 Haneuse, L.: Notes sur l'Erythrée, I. 470 †
 Hangehow, Trade Rep., XVI. 122 †, 486 †
 Hangö—Vindriktningar vid Hangö fyr: H. Levander, VIII. 413 †
 Hanigalbat und Melitene: W. Belck, XI. 566 †
 Hankau—Country between Hankau and Canton, Photographs: W. B. Parsons, XX. 255; Trade Rep., XIV. 679 †
 Haun, F.: Exploration in W. Australia, XVII. 338 †
 —, J.: Bezold "Ueber Klimatologische Mittelwerthe," XX. 563 †; Erde als Ganzes, IX. 113 †; Handbuch der Klimatologie, XI. 102 †, 142 §; Klima der Westküste von Marokko, XVIII. 110 †; Klima von Quito, II. 280 †; Mean temperature in Southern hemisphere, VII. 556; Meteorologie von Wien, XIX. 103 †; Meteorologischen Beobachtungen der belgischen antarktischen Expedition, XV. 197 †; Do., der Niederländischen Polar-Expedition in der Kara-See, II. 475 †; Meteorology of upper atmosphere, XVIII. 218; Observations on cyclones, VI. 82; Presentation to, XI. 304; Regenfall auf den Hawaii Inseln, VI. 98 †; Täglichen Oscillation des Barometers, XII. 639 †; XIII. 460 †; Tägliche Periode der Windstärke auf dem Sonnbliggipfel und auf Berggipfeln, IV. 580 †; Temperatur des Sonnbliggipfels, XIII. 97 †; Temperatur von Graz, XII. 425 †, 623; Tropische Regenverhältnisse, XVII. 563 †; Wissenschaftliche Luftfahrten, XVII. 681 †; Work of Sonnbligg Observatory, III. 233
 Hannah, J. C.: Brief history of E. Asia, XV. 549 †
 Hannibal's use of vinegar: M. Lenthéric on, I. 174; letter from S. H. Candler, II. 177
 Hannibal's Pass: D. W. Freshfield, XIV. 221 †; letter from W. A. B. Coolidge, XIII. 448, 669; from D. W. Freshfield, XIII. 547; from J. Westlake, XIII. 310
 Hammington lake, E. Africa, XIX. 8; river, IV. 311
 Hanno, Log-book of: J. D. White, XVI. 590 †; Periplus des Hanno: K. E. Illing, XIV. 466 †; Do.: C. T. Fischer, I. 572 †
 Hanoi, Tongking, X. 94
 De Hanoi à Mongtze: B. d'Anty, XV. 549 †
 Road from Hanoi to Hue, II. 102, 108
 Hanolet; journey towards Shari basin, IX. 92
 Hanotaux, G.: Avenir de l'Afrique, XX. 124 †; Le Havre dans l'histoire de France, XVIII. 225 †

HARDING

- Hansa, Die Deutsche: O. Günther, VII. 568 †; Development of Hanse towns: E. C. Semple, XIV. 454 †
 Hansen, F.: Argentino-Chilian boundary question, XII. 327 †; Aus dem südlichen Schweden, XII. 94 †
 —, J.: Bassins du Haut Nil et Moyen-Congo (map), IV. 583 †; Carte de Madagascar, VI. 339 †, 494 †; Congo français (map), VII. 228 †
 —, R.: Deutsche Ost- und Nord-Seeküste, XVII. 85 †; Geschichte der Zersplitterung Nordstrands, VII. 306 †; Insel Nordstrand um 1600, XX. 464 †; Küstenänderungen im südwestlichen Schleswig, II. 365 §, 378 †; Neue Köge in Süderdithmarsch, XII. 427 †; Rüstringen und Wangerland, XIX. 535 †; Trockenlegung der Zuiderzee, I. 180 †; Verteilung der Personennamen Schleswig-Holsteins, XVI. 485 †; Was-aserwesen der . . . Provinz Zeeland XVII. 545 †
 Hansky: Détermination de la pesanteur au sommet du Mont Blanc, XII. 318 †
 Hanson, W.: Geographical Encyclopædia of N.S.W., III. 535 †
 Hansteen, C.: see Halley, E.
 Hantzsch, V.: Biography of Sebastian Munster, XV. 557 †; XVII. 423 §; Die Deutschen Geographen der Renaissance, XI. 460 †
 Hanusz, I.: Boundaries, and Distribution of Industries, of Hungary, XVIII. 102 †; Climate of Hungary, XX. 120 †; Erstar- kung unserer Nation in Alföld, XVIII. 103 †; Iles flottantes, III. 537 †; Les puits miraculeux de notre pays (Hungary), V. 505 †; Stehenden Wasser unseren Landes, VIII. 648 †; IX. 232 †; Ungarn ein Goldland, I. 373 †
 Hanwell and Iyer, Notes on high-level river drift between: J. A. Brown, VI. 483 †
 Haparanda, Bestimmung der Intensität der Schwerkraft auf: P. G. Rosen, XIV. 578 †
 Hapke: Warmwasserseen und heisse Salzteiche, XX. 674 †
 Haramouk, Ascent of: E. F. Neve, XVI. 365 †
 Harar: see Harrar
 Haratreit valley, Egypt, I. 415
 Harbora tribe, XI. 380
 Harbours, Geological history of: N. S. Shaler, V. 402 †
 Hardanger lakes, Notes on: H. W. Monck- ton, XV. 294 †
 — fjord, Norway, IV. 524; Geo-logy of islands in: H. Reusch, I. 180 †; Travel . . . in the Hardanger Fjord: A. F. Mockler-Ferryman, VIII. 307 †
 Hardie, D.: Common diseases in Queens-land, II. 475
 Harding, Charles: Current charts, Indian O., VIII. 195 †; Wind storms, VIII. 424 †

HARDING

- Harding, Colin: Expedition to source of Zambesi, XVI. 349
 ———, T.: Im Yorubaland, XVI. 251 †
 ———, W. H.: death of, in Barotseland, XVIII. 312
 Hardinge, Sir A.: Report on . . . E. Africa Protectorate, XI. 434 §, 453 †; XIII. 659 §, 679 †
 ———, C.: report on inland navigation in France, V. 166
 Hardinge lake: *see* Deshek Wama
 Hardy, M.: Botanical geography and biological utilization of soil, XX. 250 †, 459 §; Note upon methods of botanical geography, XX. 564 †
 Hardy, W. H. Cozens: *see* Cozens-Hardy
 Hare, A.: N.W. France (Normandy and Brittany), VI. 579 †
 Harford[-Battersby], C. F.: Bida and Benin, IX. 681 †; Health in Africa, XII. 642 †; Livingstone Exhibition organized by, XV. 170; Native races of Nigeria, XX. 126 †; Niger and Yoruba notes, X. 229 †; XII. 98 †; Pilkington of Uganda, XIII. 100 †
 Hargrave, L.: Aëronautical Work, IX. 346 †
 Harhaz river, Persia, X. 326
 Harinoki toge, Japan, III. 57; VII. 128
 Harira ruins, Persian Gulf, VII. 644
 Harker, A.: Glaciated valleys in Cuillins, Skye, XIV. 224 †; Subaërial erosion in Isle of Skye, XV. 190 †
 "Harleian" Map of 1536, XII. 575
 Harlez, C. de: Essai d'anthropologie chinoise, XI. 310 †
 Harmanjik, Mysia, IX. 168, 269; altitude, IX. 275; position, etc., IX. 266
 Harmattan wind, X. 350, 391; in Upper Guinea, Gruner, Mischlich, and von Danckelman on, XIV. 445
 Harmer, F. W.: Climate of interglacial and glacial periods, XVI. 446; Influence of winds upon climate during Pleistocene epoch, XVIII. 555 †
 Harmsworth, Sir A.: equipment of expedition to Franz Josef Land, IV. 143; VI. 504; *see* Jackson, F. G.
 Harnack, A.: Verbreitung des Christenthums in den ersten drei Jahrhunderten, XIX. 409 †
 Harom river, E. Africa, II. 509
 Harou, A.: Excursion en Campine, I. 277 †; Géographie locale: Thielen, IV. 83 †
 Harper, A. P.: Exploration in Westland Alps, N.Z., V. 61*; New Zealand glaciers, I. 32*; Pioneer work in Alps of New Zealand, IX. 328, 343 †; W. Coast explorations, IX. 243 †
 ———, W.: Growth and progress of Australian colonies, X. 231 †; Mulhall-Harper statistical tables of commerce of the world, XV. 673 †
 Harput, Turkey in Asia, Climate of: E. Huntington, XIX. 106 †; mts., XX. 192

HARRISON

- Harra or stony desert, VII. 549; Gebel Ses in der Harra und seine Ruinen, XIV. 336 †
 Harraaden, B.: Impressions of S. California, IX. 464 †
 Harrar, IV. 58; XV. 101
 Railway to; *see* Somaliland, French
 Recent visit to: W. B. Harris, V. 182 †
 Trade, X. 440; XVII. 75
 Trip to Harrar and Ime: Capt. H. G. C. Swayne, II. 250*
 Zeila au: L. de Castro, XIV. 583 †
 Harrasowsky, Mme. de: Au pays des cannibales, XII. 432 †; L'Archeduc Ludwig Salvator, XVII. 98 †
 Harries: Arctic hail and thunderstorms, IX. 110 †
 Harriman, E. H.: expedition to Alaska, XV. 66
 Harrington, M. W.: Area and drainage basin of Lake Superior, IX. 682 †; Climate . . . of Death Valley, California, I. 281 †; Currents of great lakes of N. America, Atlas, III. 539 †; Weather-making, ancient and modern, IV. 89 †
 Harris, F. R.: Fate of S. Africa, VII. 443 †
 ———, G. D., and A. C. Veatch: Geology of Louisiana, XVII. 213 †
 ———, G. F.: Australasian Tertiary mollusca, XI. 101 †
 ———, G. W.: Guide to Algiers, I. 84 †; III. 71 †
 ———, H. R.: Tide-tables for British and Irish Ports, †IV. 468; VIII. 190; IX. 574; X. 548; XII. 205; XVI. 695; XIX. 229
 ———, J.: Hudson's Bay and Pacific railway route, IX. 682 †; New British route to Pacific, VII. 564 †
 ———, R. A.: Manual of tides, X. 233 †; Oscillation period of Lake Erie, XX. 670 †; Outlines of tidal theory, XX. 674 †
 ———, W. B.: Batum to Baghdad, etc., VIII. 649 †; Journey in Persian Kurdistan, VI. 453*; through the Yemen, II. 562 †; to Taflet, V. 319*; Morocco scare, XVI. 581 †; Nomadic Berbers of C. Morocco, IX. 638*; Recent visit to Harrar, V. 182 †; Roman roads of Morocco, X. 300*; Taflet, VII. 214 †, 274 §; Town of the Renegades; Agurai, XII. 98 †; Unbiased view of the Armenian question, VII. 112 †; Wanderings in Persian Kurdistan, VI. 582 †
 Harrison, F.: Ideal London, XII. 627 †
 ———, H.: Place-names of Liverpool District, XII. 626 †
 ———, J. B.: Rocks and Soils of Grenada, etc., XI. 101 †, 183 §
 ———, J. J.: Journey from Zeila to Lake Rudolf, XV. 533; XVI. 103; XVIII. 258*
 ———, W.: Archaeological Survey of Lancashire, X. 227 †

HARRISSE

- Harrisse, H.: Americus Vespuccius, VI. 490†; Per Amerigo Vespucci, XVI. 133†; Notes on papers, XIV. 466†; Cartographie Verrazanienne, IX. 345†; Découverte . . . de Terre-Neuve, XVII. 451†; XIX. 234†, 625§; Discovery of N. America, II. 474†; X. 554†; Nouveau globe Verrazanian, VII. 222†; Sebastian Cabot . . . considéré comme cartographe, X. 554†; Do., pilote-major d'Espagne, XI. 460†
- Harrogate, Plan of: J. Bartholomew, IV. 383†; XI. 463†
- Harshberger, J. W.: Flora of Santo Domingo, XX. 360†; Mexican flora, XIII. 323†; New Jersey Strand flora, XVIII. 234†; Maize; botanical and economic study, III. 256†
- Harslett, H. W.: expedition to W. Australia, X. 216
- Hart: American Railway in Colombia, XV. 300†; Photographs of Cartagena, XII. 112; Plan of do., XII. 109†
- , H. C.: Climbing in British Isles; Ireland, VI. 484†
- , Sir R.: Peking Legations, XVII. 672†
- Hartert, E.: Zoogeographischer Studien, XIX. 242†
- Hartgebirge, Glaciale Erscheinungen vom: C. Mehliis, XIV. 223†
- Hartl, H.: Biography, XV. 91†; Meteorologische und magnetische Beobachtungen in Griechenland, VI. 483†; VII. 108†; X. 338†; Resumption of survey of Greece under, XVII. 428
- Studien über flächentreue Kegelprojectionen, IX. 111†; Tafeln . . . Meridian- und Parallelkreis-Bogen, etc., VII. 218†; Vergleiche von Quick-silber-Barometern mit Siede-Thermometern, II. 476†
- Hartlaub, G.: biography, XVII. 682
- Hartleben, A.: Karte der Philippinen, XIII. 690†; Plan der Reichshaupt- und Residenzstadt Wien, XV. 678†; XX. 368†; Volks-Atlas, IX. 248†
- Hartley, Sir C.: Engineering works of Suez Canal, XVI. 580†
- , W.: Chemical changes in oceanic deposits, XII. 217†
- Hartmann, G.: Ambo-Land auf Grund seiner letzten Reise im 1901, XX. 356†; Kaoko-Gebiet in Deutsch Süd-west-Afrika, IX. 577†; Karte des Koncessions-Gebietes des S.W. Africa Co., X. 229†
- , H.: Einer starken deutsche Flotte, XVI. 570†
- , M.: Lieder der Libyschen Wüste, XV. 438†; Liwa Haleb und ein Teil des Liwa Dschebel Berehet, IV. 188†; V. 508†
- , R.: biography: W. Wolkenhauer, II. 282†
- Hartoshi Kurds, III. 86; XVIII. 124

HASSETT

- Hartoshi mts., Kurdistan, III. 84
- Hartsinek, J. J.: Indians of Guiana (translation), III. 440†
- Hartz, N.: Dänische expedition nach Ostgrönland, X. 232†; Den Ostgrönlandske Expedition, 1900 . . . XX. 362†
- Harvey, A.: Letter on Aurora Australis and Borealis, XVI. 691; on magnetic and meteorological observations in Antaretic, XVII. 667; Magnetic influence of the sun on the earth, etc., XVI. 588†
- , J.: Report on . . . Southern Chin Hills, IX. 338†
- , M.: Newfoundland in 1897 . . . XI. 96†
- Harvie-Brown, J. A.: On a correct colour code, etc., XIV. 125†; XVIII. 342†
- and J. Bartholomew: Naturalist's map of Scotland, II. 383†
- Harz mts.**—
- Bevölkerung des Harzgebietes: E. Damköhler, V. 179†; des Dorfes Cattenstedt bei Blankenburg: XI. 191†
- Eine Harz-Wanderung: K. Kollbach, XX. 120†
- Hartz mts. with Brunswick and Hildesheim: E. W. Mellor, XVII. 206†
- Hohlen des Harzes und ihre Ausfüllungen: J. H. Kloos, I. 82†
- Magnetische Untersuchungen im Harz: M. Eschenhagen, XI. 448†
- Magnetic Investigations: G. R. Putnam, XII. 427†
- Sage von der Harzer Rosswappe: R. Steinhoff, VIII. 232†
- Spezialkarte vom Harz: O. von Bomsdorf, XII. 108†
- Von den Teufelsmauern bei Blankenburg, etc.: R. Steinhoff, V. 179†
- Harzer, P.: Ortsbestimmungen ohne astronomische Instrumente, VIII. 194†; IX. 344†; XI. 320†; XII. 83§
- Hasenkamp, H. von: Die Farbe der natürlichen Gewässer, XI. 206†
- Hashun Gobi desert, VIII. 164
- Haskell, E. A.: Observations of currents with direction current-meter, etc., IV. 89†
- Haslithal, Glacial erosion in, I. 486
- Hass, H. J.: on Tertiary and diluvial deposits of N. Germany, II. 166
- Hassan, V.: Die Wahrheit über Emin Pascha, etc., II. 90†; III. 72†
- Hassan Ova, Euphrates valley, VIII. 456
- Hasse, A. R.: Reports of Explorations, XIV. 690†
- , E.: biography, XVI. 132†
- Hasselt, A. L. van: De inlijving der V. Kota-Kampar, XVI. 123†; Feestrede . . . ontvangst van A. W. Nieuwenhuis, XX. 473†
- en H. T. E. F. Schwartz: De Poelan Toedjoch . . . Chinesche zee, XIII. 213†

HASSENSTEIN

- Hassenstein, B.: Karte der Provinz Schan-Tung, XIII. 463 †; Karte von Horns Expedition in Zentral Australien, XI. 327 †; Neue Reiserouten in Marangu und Itawa (map), X. 561 †; obituary, XX. 664; Spezialkarte des Kilima-Ndscharo- und Meru-Gebietes, II. 191 †; Südliche Schoa und . . . Galla und Somal (map), IX. 350
- Hassert, K.: Abruzzan, IX. 458 †; Der Fuciner See einst und jetzt, X. 548 †; Gli Abruzzi, XI. 449 †; Der Durmitor . . . Montenegrinischen Hochgebirge, I. 468 †; Fusswanderung durch Montenegro, I. 180 †; Geographische Lage und Entwicklung Leipzigs, XIV. 453 †; Geologische Uebersichtskarte von Montenegro, VI. 297 †; Gletscherspuren in Montenegro, XIX. 650 †; Journeys in Montenegro, III. 508 †; Kartographischen Kenntniss von Montenegro, V. 179 †; Landschaftsformen von Montenegro, III. 345 †, 354 †; Montenegro auf Grund eigener Reisen und Beobachtungen, III. 529 †; Name Montenegro, V. 279 †; Natürlichen und politischen Grenzen von Montenegro, VII. 109 †; Reise durch Montenegro im Sommer 1900, XIX. 228 †; Streifzüge in Ober-Albanien, XI. 308 †, 422; Studies of Karst phenomena, VI. 382; Trace glaciare negli Abruzzi, XVI. 485 †; Wanderungen in Nord-Albanien, XII. 428 †; Die Welscherzüge im Venezuela, XX. 128 †
- and A. Kirchhoff: Die neuere Litteratur zur deutschen Landeskunde, XIX. 766 †
- Hassi-Inifel: G. Rolland's well-borings at, II. 66
- Hastie, W.: Kant's Cosmogony, XVII. 681 †; XVIII. 80 §
- Hastings, F.: To the Paraguayan Utopia, XIII. 95 †
- , G.: Photographs of . . . Gilgit, Chilas, Nanga Parbat, etc., XI. 332
- Hastings, headland bay-bar from, IX. 543
- Hatab, ancient road along, IX. 164
- Hatat, Wadi, VII. 536
- Hatch, E. F. G.: Our Indian Empire, XV. 191 †
- , F. H.: Geographical Map of S. Transvaal, X. 660; Geological survey of Witwatersrand, etc., XII. 211 †; Kolar goldfield, XVIII. 230 †; Map of Transvaal, X. 660 †
- Hatcher, J. B.: Patagonia, XI. 202 †; explorations in do., XI. 72; XV. 284; Geographical features of S. do., XV. 424 §; XVI. 254 †; Geology of do., XI. 99 †; Sedimentary rocks of do., XVI. 254 †
- Hatfield Chase, II. 522
- Hatt, P.: Convergence des méridiens, XVII. 97 †; Jonction d'un réseau fermé de triangulation, XIX. 110 †; Vie

HAUSER

- et travaux de M. d'Abbadie, XI. 459 †
- Hatzfeldthafen, Bezirk von: F. Grabowsky, VII. 218 †; Hinterland von (map): von Brixen und Linnemann, VI. 298 †
- Haad plain, Somaliland, XI. 28; rainfall, XI. 46
- Hauer, Franz von, Zur Erinnerung an: A. Bohm, XIV. 235 †; obituary, XIV. 218
- , J.: Facsimile of silver globe . . . 1632, I. 384 †
- Haug, E.: Coëxistence . . . de deux systèmes de plis conjugués, VII. 220 †; Lignes directrices de la chaîne des Alpes, VII. 326 †; Régions naturelles des Alpes, III. 248 †; IV. 366 §
- , H.: Vergleichende Erdkunde und alttestamentlich geographische Weltgeschichte, IV. 474 †
- Haughton, J.: Memoir: A. C. Yate, XVIII. 343 †
- , S.: On tides of Arctic seas, III. 350 †; VII. 337 †
- Haulleville, A. de: La Morale de la Colonisation, XV. 557 †; Nécessité d'une plus grande Belgique, XV. 660 †
- Haultain, A.: Country walk in Canada, III. 348 †
- Haupt, H.: Problem of the Mississippi, XIV. 120 †
- , L. M.: Commerce and deep waterways, VII. 570 †; Methods of improving ocean bars, XIX. 534 †; Obstructions to commerce and how to remove them, XIX. 239 †; Reaction breakwater . . . of Mississippi river, XVI. 477 §, 583 †; Do. at Aransas Pass, Texas, XVI. 253 †
- Hauran—Country S. of, V. 6; Journey in: W. Ewing, VII. 213 †; Journey through: G. A. Smith, XIX. 232 †
- Hausaland—
- Hausaland, VIII. 201; C. H. Robinson, VII. 215 †, 443 †
- Hausa language, Dictionary of: C. H. Robinson and W. H. Brooks, XVII. 450 †; Hausa grammar: C. Robinson, XI. 93 †
- Notes: W. R. Miller, XIX. 657 †; spelling of Hausa, IX. 102
- Territories: C. H. Robinson, VIII. 201 *
- Hausa tribe, V. 52; VI. 224; XIV. 636; Immigration into Congo basin, XI. 69; Pilgrimages from W. Sudan; with native account of death of Gen. Gordon: C. H. Robinson, II. 451 *
- Photographs: J. H. Ewart, II. 384
- Hausburg, C. B.: expedition to Mt. Kenya, XIV. 94; XV. 454
- Hausburg valley, Mt. Kenya, XV. 474
- Hausen, R.: Spridda uppgifter om navigationen . . . vid Finlands sydkust, XV. 547 †
- Hauser, F.: L'Annam central et la colonisation, XVIII. 229 †

HAUSER

- Hauser, H.: Colonies allemandes; Togo, XIV. 460 †; Colonies portugaises, XVI. 699 †; XVII. 211 †; XVIII. 233 †; Do., d'extrême-Orient, XVIII. 231 †; Do., Mogambique, XVII. 555 †; Etudes d'économie coloniale, XVI. 495 †
- Hausermann, R.: Carte des missions catholiques du sud Africain, XX. 369 †
- Hausforschung und das neueste Werk Meitzens: K. Rhamm, IX. 676 †
- Hausrath, H.: Verbreitung der . . . Waldbäume in Deutschland, XIX. 227 †; Wald und Waldschutz in den Vereinigten Staaten, XVII. 213 †
- Haut- Bourbonnais, Monuments mégalithiques du, XI. 564 †
- Haute-Savoie, Ethnologie de la Savoie et de: E. Pittard, XVI. 484 †
- Hautes-Pyrénées, Massifs granitiques de Cauterets et du Néouvielle: A. Bresson, XVII. 544 †
- Hauthal, R.: Contribuciones al Conocimiento de la Geología de la Provincia de Buenos Aires, XIX. 402 †; Gletscherstudien aus der argentinischen Cordillere, V. 284 †; Haustiireigenschaft des Gypsotherium, XVII. 559 †; on Nieve Penitente of S. America, XX. 347; Primera ascension al Nevada Colorado de Famatina, VII. 445 †; Profil der argentinisch-chilenischen Cordillere, XVIII. 457 †
- Hautreaux, A.: Amélioration d'une rivière à marée, IX. 685 †; Atlantique en 1892 et le climat de la Gironde, II. 189 †; Atlantique Nord, vents, courants, X. 654 †; Cartes de Masse, IX. 231 †; Côte des Landes de Gascogne, XVIII. 225 †; Do. et bassin d'Arcachon, VI. 586 †; IX. 335 †; Do., vents et courants, IV. 184 †, 468 †; Courants dans l'Atlantique nord, VII. 221 †, 568 †; du Golfe de Gascogne, II. 476 †; De Terre Neuve à la côte des Landes, X. 342 †; Gironde de Pauillac à la mer, XIII. 87 †; Glaces de Terre-Neuve et notre climat, IX. 345 †; Golfe de Gascogne; courants, III. 255 †, 309 †; IV. 463 †; Do., Temperatures de la mer, VI. 586 †; Observations in Bay of Biscay, VIII. 301; Vents dans les golfes du Lion et de Gascogne, XVI. 361 †
- Hautteœur, H.: Andros, VII. 108 †; Athènes, XI. 565 †; Crète, IX. 336 †; L'île d'Amorgos, XIV. 453 †; L'île d'Icaria, XVII. 210 †; L'île de Karpathos, XIX. 231 †; L'île de Kéos, VIII. 612 †; L'île de Kimolos, XIX. 650 †; L'île de Kythnos, XI. 449 †; L'île de Mytilini, XX. 354 †; L'île de Sciriphos, XVII. 545 †; L'île de Syme, XIX. 397 †; République de San Marino, VI. 293 †; Rocher de la Belle Hélène, VII. 676 †
- Haut-Tonkin, Dix ans de: Girod, XIII. 89 †
- Hauvette, A.: Paper on battle-field of

HAWAII

- Platæa, letter from G. B. Grundy on III. 525
- Hauz-Dawan or Reservoir pass, C. Asia II. 392
- Hauz-i-Sultan, Persia, VII. 165
- Havana and Havanese, Glimpses of: R. Davey, XII. 215 †
- Havass, R.: Bibliotheca geographica Hungarica, III. 69 †; Dalmatien, XIV. 110 †; Slovakisierung des Ungarischen Oberlandes, XVIII. 102 †
- Havel bei Plaue, Die: K. Schlottman, IX. 232 †
- Havelock, W.: Trans-Baikal, XIV. 582 †
- Haverfield, F.: Roman ingot of Cornish tin, XVIII. 104 †
- Haverly, C. E.: Klondyke and fortune, XI. 316 †
- Haviland: Distribution of disease in Great Britain, II. 87 †; Expedition to mt. Kinibalu, VII. 430
- Havre—
- Consular District, Trade Rep., XVII. 671 †
- Havre et le commerce maritime de la France: G. Hanotaux, XVII. 206 †; Havre dans l'histoire de France: Id., XVIII. 225 †
- Le port du Havre: L. Vallée, XIII. 87 †
- Hawaii—
- Agriculture: L. H. Wiley, XIII. 567 †
- Birds of Hawaiian Group: W. A. Bryan, XVIII. 645 †
- Books relating to, List of: A. P. C. Griffin, XII. 544 †
- Catalogue of . . . Shells of: D. D. Baldwin, III. 74 †
- Chemical composition of soils, etc.: A. B. Lyons, IX. 343 †
- Coast and-Geodetic Survey, Results of observations: E. D. Preston, III. 74 †
- Constitutional History: H. E. Chambers, VII. 46 †
- Disturbances in direction of plumb-line: E. D. Preston, VI. 98 †
- Duty of annexing Hawaii: J. T. Morgan, XIII. 96 †
- Feather Work: W. T. Brigham, XV. 86 †
- Geodetic expedition, I. 173; A. Marcuse, I. 281 †
- Hawai: Etude géographique et historique: S. Servant, XII. 102 †
- Hawai et les Etats-Unis: J. Servigny, X. 553 †
- Hawaii and a resolution: M. H. Krout, XIII. 96 †
- and its people: A. S. Twombly, XVI. 372 †
- Hawaiian ethnography: T. M. Coan, XIII. 684 †
- Is.: J. Du Fief, III. 349 †; A. Marcuse, III. 535 †; XIV. 342 †
- subregion of geography of mammals, IV. 50
- Iles Hawaii: D. Bellet, XII. 102 †

HAWAII

Hawaii—continued.

- Kahului auf der Insel Maui: J. H. Stege, XI. 203 †
 Map—Indexed Pocket Map: Rand, McNally & Co., XIX. 537 †
 Photographs: W. Libbey, VI. 592; A. Swinton, IX. 472
 Piantagoni di canna di zucchero: E. Rossi, XVIII. 113 †
 Regenfall auf den Hawaii-Inseln: J. Hann, VI. 98 †
 Rock inscriptions in Kauai: B. Sharp, XIII. 326 †
 Sketches of Hawaiian scenery and life: H. H. Gowen, VII. 566 †
 Study of: L. Ratard, I. 471 †
 Trade Rep., XIII. 218 †; XVI. 585 †; Import do., XIII. 684 †
 Ueber Lepra in Hawaii: F. Haberer, XIII. 684 †
 U.S. Mid-Pacific . . . station: G. W. Littlehales, XIII. 96 †
 Washaw river, N.E. Africa, XV. 107; XVIII. 262
 Hawes, A. G. S.; obituary, X. 447
 —, C. H.: Visit to Sakhalin, XX. 525
 Hawes Water, Bathymetrical survey: H. R. Mill and E. Heawood, III. 421; VI. 142, 162; depth, etc., IV. 238
 Hawke's Bay Plain: H. Hill, XII. 636 †
 Hawkins, Sir R.; voyage to Falkland Is., XVII. 415
 Hawtrey, S. H. C.: Lengua Indians of the Paraguayan Chaco, XX. 128 †
 Hay, D., and M. Fitzmaurice: Blackwall Tunnel, XII. 203 †
 —, Sir J. C. D.; remarks on "Luchu Is. and their inhabitants," V. 544
 —, Sir J. D.: Memoir of, IX. 468 †, 536 §
 —, R.: Geology of Fort Riley Reservation, XI. 455 †; Water resources of . . . Great Plains, VIII. 653 †
 Hayden, E.: Clock rates and barometric pressure . . . at Mare Island, XIV. 464 †
 Hayden, H. H.: Geology of Tirah and the Bazar valley, XIV. 579 †
 Haydn's Dictionary of dates, etc.: B. Vincent, XIII. 101 †
 Haydon, A.; remarks on kumatology, XIII. 627; on "Ancient Kingdom of Kongo," XIX. 559
 Haye, Plateau ou forêt de denudation du: M. Bleicher, XV. 433 †
 Hayek, G. von: Die afrikanische Transcontinentalbahn, XIV. 226 †
 Hayes, A. J.: Holiday in the Far West, V. 86 †
 —, C. W.: Assumed inconstancy in level of Lake Nicaragua, XVI. 254 †; Copper river as route to Yukon, XII. 100 †; Physiography of Chattanooga district, XVI. 371 †; of Nicaragua Canal route, XIV. 463 †; Southern Appalachians, XI. 202 †
 — and A. H. Brooks: Ice cliffs on White river, XVI. 371 †

HEAWOOD

- Hayes, C. W. and M. R. Campbell: Geomorphology of S. Appalachians, IV. 190 †
 Hayes-Sadler, J.: Trade of Somali Coast, XVII. 531
 Hayford, J. F.: Present solution of tidal problem, XIII. 459 †; Recent progress in geodesy, XVI. 129 †
 —, M. C.: Mary H. Kingsley, XIX. 534 †
 Hayne, M. H., and H. West-Taylor: Pioneers of Klondyke, XI. 96 †
 Haynes, G. H.: Representation and suffrage in Massachusetts, IV. 579 †
 Hayrén, A. E.: Granbestånden i Finland, XIV. 331 †
 Hayter, H.: Address on engineering works, I. 473 †; Victorian year-book, II. 475 †
 Hayti: see Haiti
 Hazara, Geology of: C. S. Middlemiss, X. 120 †
 Hazeliuss, A. I.: Biography, XIX. 241 †
 Hazen, A.: Clarification of river waters, XIV. 123 †
 Hazen, H. A.: biography, XV. 447 †
 Hazrat Ishan, Bokhara, XIV. 608, 613
 Head, J.: Scandinavia . . . iron ore supply, IV. 186 †
 —, J. and A. P.: Lake Superior iron-ore mines, XV. 195 †
 Head-hunters, black, white and brown: A. C. Haddon, XIX. 654 †; XX. 444 §
 Health Exhibition for Travellers, XIV. 672
 — in Africa: C. F. Harford-Battersby, XII. 642 †
 — in unhealthy countries, Guide to travellers: H. Cayley, VIII. 196 †
 — Preservation of, in Far East: W. P. Mears, V. 403 †
 Hearn, G. R.: Railway surveying on Pipli Ghat, XX. 555 †
 —, W. B.: German and Italian colonies in S. Brazil, VI. 285
 Hearson, T. A.: Flow of water in a river, XIX. 408 †
 Heath, E. R.: La Exploracion del Rio Beni, X. 230 †; XVIII. 150
 Heatcote, J. N.: Map of St. Kilda, XV. 142; St. Kilda, XVII. 547 †
 Heatley, J. T. P.: Port of Upper Nile, VI. 571; VII. 113 †
 Heawood, E.: African ethnology (collective review), VI. 465; African literature (reviews), VII. 270; X. 172; XII. 300; XIII. 412; Commercial resources of tropical Africa, XVI. 446; XVII. 212 †; Egyptian Sudan and its history, XIII. 562 †; Geography of Africa, IX. 340 †; 446 §; O. Baumann's journey through E. Africa, IV. 246 *; on Bengal Duars, II. 330; remarks on survey of English lakes, IV. 243; VI. 165; Was Australia discovered in the sixteenth century? XIV. 421 *
 — and H. R. Mill: Bathymetrical

HEBENSTREIT.

- Survey of English lakes, II. 165, 362, 568 †; III. 421
- Hebenstreit, J. E., und C. G. Ludwig, ihr Leben und ihre Reise: M. Grosse, XX. 131 †, 453 §
- Heber, Bishop: G. Smith, VII. 119 †
- Heber-Percy, A.: Moab, Ammon, and Gilead, IX. 339 †
- Hebrew and Greek inscription relating to boundary of Gezer: C. Clermont-Ganeau, XIV. 226 †
- Hebrides—In Hebridean Waters: H. Smart, XVIII. 228 †; Weavers of the Western Isles: A. V. Luther, XX. 554 †
- Hebron and its neighbourhood: C. Schick, XIII. 215 †
- and Jerusalem, Visit of David the Reubenite to: T. Chaplin, IX. 339 †
- Hecla: *see* Hekla
- Heeq, C.: Grands lacs africaines, etc., XX. 355 †
- Hecquard, H.; biography: H. Cordier, XVIII. 460 †
- Hector, Sir J.: Address to Australasian Association, XIV. 466 †; Early explorations and colonization of W. Canada, XIX. 658 †
- Heddle, Dr., and his geographical work: J. C. Goodchild, XIV. 466 †
- Hedin, S.—
- Attempts to ascend Mustag-ata, VI. 350 *
- Beobachtungen über die Wassermenge des Sir-Darya, III. 531 †
- Biography, XI. 574 †
- Death of Dutreuil de Rhins, V. 380
- Demavend nach eigener Beobachtung, I. 84 †
- Discovery of Northern Lob-nor, VIII. 635
- Durch Asiens Wüsten, XIV. 225 †
- En fard genom Asien, XII. 429 †
- Explorations in C. Asia, IV. 62, 174, 457; V. 154, 271; VI. 78, 281; VII. 195; IX. 663; X. 209, 566; XIV. 90; XV. 643; XVI. 345, 472, 598; XVII. 181; XVIII. 212, 288; XIX. 85, 502; return, X. 92; scientific results, XVII. 188
- Forschungen über die physische Geographie des Hochlandes von Pamir, V. 88 †
- Forschungsreise nach dem Lop-nor, IX. 338 †
- Four years' travel in C. Asia, XI. 240 *, 397 *
- Genom Centralasia, XIII. 319 †
- Khorasan och Turkestan, XI. 196 †
- Persien, Mesopotamien, och Kaukasien, XI. 196 †
- Geographisch-wissenschaftlichen Ergebnisse meiner Reisen, XVI. 696 †
- Gletscher des Mustag-ata, VI. 97 †
- Journey through Takla-Makan Desert, VIII. 264 *, 356 *

HEGNER-REZELFELD.

- Karte des Tarim Beckens und des Kwen-lun-Gebirgssystems, XVII. 220 †
- Konung Oscars Beskiekning till Schahen af Persien, XI. 196 †
- Lop-nor-bäckenets vandring, X. 454 †
- Medal presented to, XI. 660; XII. 86
- Observations on Syr Daria, III. 514
- Proposal for publication of scientific results, XX. 536
- Proposed expedition to Lhasa, III. 58
- Prschevalskij's Forskningsresor i Central-Asien, XI. 194 †
- Quelques esquisses de la Commission anglo-russe . . . des Pamirs, VIII. 308 †
- Réception du Dr. Hedin, XI. 567 †
- Reise durch die Takla-Makan-Wüste, VII. 110 †
- Reisebericht aus Central-Asien, XVIII. 105 †
- Ueber die letzte Reise von Hedin, XX. 242 †
- Uebersicht meiner Reisen, 1899–1902, XX. 368 †, 554 †
- Summary of . . . latest journey, XX. 307 *
- Through Asia, XII. 539 †; XIII. 159 §
- Topographische Skizze des kleinen Kara-Kul und des Bassik-Kul, V. 610 †
- Variations in district of Lob-nor, VIII. 635
- Wanderung des Lop-nor Beckens, etc., VIII. 649 †
- Hedinger, A.: Handelsstrassen über die Alpen, XVII. 83 †
- Hedley, C.: Atoll of Funafuti, its zoology, etc., † IX. 343; X. 652; XI. 319, 686; XIV. 342; Broadening of Atoll-Islets, XI. 573 †, 674 §; observations on Funafuti, IX. 562 §; Refugees of ancient Antaretic life, VII. 337 †
- Heenan, R. H.: Harbour of Algoa bay, XI. 684 †
- Heeres, J. E.: Abel J. Tasman's journal of his discovery of Van Diemen's Land, etc., XII. 640 †; XIII. 277 §; Ambon in 1647, X. 550 †; Ontdekkings-tochten van Adriaan Dortsman, etc., IX. 237 †; Part borne by Dutch in discovery of Australia, XIV. 685 †; XV. 69 §
- and T. van Riemsdijk: Dagb-Register . . . Nederlands-Indie, X. 549 †
- Hegemann, A.: Eismeerfischerei und der Walfang, XVI. 128 †; Hafen an der Nordküste von Java, XI. 451 †; Mittlere Entfernungen auf Dampferwegen, X. 344 †; Witterungs-, Eis- und Stromungsverhältnisse des Bering-meeres, VI. 99 †
- Hegemony of Europe, E. Reclus on, IV. 456
- Hegg: Mitteilungen aus Salvador, IX. 242 †
- Hegga, Wadi, region of, III. 201
- Hegnér-Rezeldorf, J. von: Beitrag zur

HEGYFOKY

- physikalischen Geographie, IX. 344 †;
 Reform des Kalenders in Russland,
 XVIII. 104 †
- Hegyfoky, J.: Bewölkung in den Ländern
 der ungarischen Krone, XVII. 85 †;
 Unteren und oberen Luftströmungen,
 etc., XIII. 98 †; Wasserstand der Flüsse
 und Niederschlag in Ungarn, XII. 624 †
- Heiderich, F.: Die Erde, VII. 684 †;
 Holzel's Schulwandkarte von Asien,
 XIX. 785 †; Landwirthschaft in Bos-
 nien und der Hercegovina, XVII.
 83 †; Oesterreichische Schulgeographie,
 XVIII. 649 †; Schattenplastik und
 Farbenplastik, XIV. 122 †; Weizen-
 production der Erde, XIV. 688 †; Wach-
 stum Englands, XIX. 662 †
- Heierli, J., and W. Oechsl: Urgeschichte
 des Wallis, IX. 679 †
- Hei-ho, valley of, III. 359
- Heilprin, A.: Alaska and Klondike, XIV.
 583 †; Arctic problem and Peary relief
 expedition, II. 281 †; Defence of Panama
 route, XX. 359 †; Map of Arctic regions,
 comprising recent explorations, X. 125 †;
 Nicaragua Canal in its geographical ...
 relations, XV. 647 †; XVI. 127 †; on
 eruptions of Mont Pelé, XX. 638 †; on
 geographical distribution of animals,
 III. 100 †; on Ixtaccihuatl and Popo-
 catepetl, IX. 100 †; Peary relief expedi-
 tion, I. 185 †; Progress of discovery, etc.,
 VI. 103 †, 201 †; Régions antarctiques,
 IX. 581 †; Schomburgk line and Gua-
 yana boundary, VIII. 421 †; Water
 supply of Lake Nicaragua, XVII. 558 †,
 664 †
- Heim, A.: Entstehung der alpinen Rand-
 seen, III. 536 †; Geologische Nachlese,
 XI. 104 †; XII. 428 †; Schlammabsatz
 am grunde des Vierwaldstättersee,
 XVIII. 322 †
- und C. Schmidt, Geologische
 Karte der Schweiz, V. 93 †
- Heim Glacier, Mt. Kenya, IV. 420
- Heimbrod, G.: Application of photography
 to topographic surveying, VII. 567 †;
 VIII. 406 †; Topographic surveying, etc.,
 XVI. 587 †
- Hein, W.: Erinnerung an P. Paulitschke,
 XVI. 590 †; Expedition to S. Arabia,
 XIX. 370 †; XX. 226
- Heinroth, O.: Deutsche Südseeexpedition
 von B. Mencke, XX. 658 §, 672 †
- Heintze, W.: Eisenbahnen in der Türkei,
 VII. 440 †
- Hejaz railway, progress of, XX. 335
- Hekla volcano, eruptions of, XIII. 510
- Hekla, voyage to E. Greenland, I. 43
- Held, L.: R. Leuzinger, IX. 115 †
- Heldring, E.: Poeloe Weh, XVI. 697 †;
 Surinaamsche belangen, XVIII. 235 †
- Helena spring, W. Australia, XI. 269
- Heligoland—
 Heligoland for Zanzibar: H. Waller, I.
 280 †

HENDREN

- Heligoland—*continued*.
 Notes sur Helgoland: G. Servières,
 XII. 92 †
- Photographs: F. W. Isaacson, II. 576
- Heligoland, Voyage round Spitsbergen,
 XIII. 199
- Helios, Instrument for observational work:
 H. Surface, XV. 675 †
- Hellman, G.: Anäfnge der Magnetischen
 Beobachtungen, XI. 104 †; Bibliographie
 von W. Gilbert's "De Magnete," XX.
 565 †; Neuer registrirender Regen-
 messer, XI. 209 †; Regenkarte der
 Provinzen Brandenburg und Pommern,
 XIX. 393 †, 501 §; Regenkarte der
 Provinz Ostpreussen, XVI. 120 †; Do.
 der Provinz Sachsen, etc., XX. 350 †;
 Do. der Provinz Schlesien, XIII. 555 †;
 Do. der Provinzen Westpreussen und
 Posen, XVII. 545 †; on solar and lunar
 halos, III. 240
- und W. Meinardus: Der
 grosse Staubfall von Marz 1901, in
 Nordafrika, etc., XIX. 780 †; XX. 107 §
- Helln Pot, Yorkshire, Descent of: G. T.
 Lowe, XX. 649
- Hellsing, G.: Notes on ... Turfmoor
 Stormur in Gestrikland, IX. 234 †
- Hellville, Nossi-bé I., VI. 228
- Hellwald, F. von: biography: M. Höfler,
 I. 91 †; Streifzüge auf der Insel Sar-
 dinien, IX. 233 †
- Helmand river, Persia, XIX. 142, 632;
 ruins along, IX. 412
- Helmert, F.: Bemerkungen zu der
 Schrift, "Die Erforschung der Inten-
 sität der Schwere," etc., V. 395 †; Die
 europäische Langengradmessung in 52
 Grad Breite, II. 88 †; Dr. Hecker's
 Bestimmung der Schwerkraft auf dem
 Atlantischen Ocean, XX. 363 †; Fort-
 schritte in der Erkenntnis der mathe-
 matischen Erdgestalt, XV. 302 †; XIX.
 405 †; Messungen der Intensität der
 Schwerkraft, etc., VIII. 195 †
- Helmolt, H. F.: Rändländer des Mittel-
 meers, XV. 434 †; Weltgeschichte, XV.
 446 †; XVII. 543 †
- Helms, R.: Australian Alps, X. 231 †
- Helps to Study of the Bible, II. 382 †
- Helsingfors, Lufttemperatur prevalenter i:
 S. Levänen, VIII. 413 †
- Hemmendorff, E.: Om Ölands vegetation,
 XI. 193 †
- Hemsley, W. B.: Flora of Tibet, XX.
 228 §, 244 †; on botany of Sir M.
 Conway's expedition, XIV. 32 †; Some
 curious facts in plant distribution, VII.
 338 †
- Henderson, G.: letter on fish in frozen
 rivers and lakes, XV. 430
- , J.: Northern Nyasaland, XV.
 534 §, 550 †
- Hendosa wells, Egypt, I. 430
- Hendren, S. R.: Government, etc., of
 Virginia Indians, VII. 334 †

HENDRIKS

- Hendriks, H.: *Het Burusch van Masarète*, IX. 576†
- Henjám, *Persian Gulf*, XIX. 127
- Henkel, L.: *Dichte des Eisenbahnnetzes*, XVI. 129†; *Grenze der Sichtbarkeit des Landes auf dem Mittelmeer*, XIX. 244†, 502§, 650†; *Verbreitung der Schriftarten in Europa*, XVIII. 101†, 244†
- Henkenius, H.: *Entstehung und Verbreitung der Anthropophagie*, I. 571†; II. 70§
- Henning, G.: *Samuel Braun der erste deutsche . . . Afrikareisende*, XIX. 773†
- Henri d'Orléans, Prince: *Around Tonkin and Siam*, III. 346†; *Autour du Tonkin*, III. 251†; *Biography*, XIX. 112†, 782†; *De Kratie à Nha-Trang*, XVIII. 636†; *Du Yunnan à l'Assam*, VIII. 91†; *Du Tonkin au Yunnan*, VII. 212†; *Du Tonkin aux Indes*, VIII. 91†; *XI. 684†*; *explorations in Indo-China*, XI. 545; *From Tonkin to India*, XI. 310†, 545§; *Journey from Tonkin to Assam*, VII. 93, 199, 300, 675; VIII. 566*; *Madagascar, etc., Notes commerciales et coloniales*, VIII. 534†; *Mort du, XIX. 534†*; *obituary*, XVIII. 318; *Transvaal et l'Abyssinie*, XVI. 582†; *Visite à l'Empereur Ménélick*, XIII. 454†; *Voyage à Djibouti*, XI. 197†, 453†
- Henrique, L.: *on Jibuti as a port*, XVI. 227
- Henry, Comm.: *Sur le Haut Nil*, XV. 550†
- Henry, A.: *Budget from Yunnan*, XII. 95†; *List of plants from Formosa*, XIII. 91†
- , A. J.: *Rainfall of U.S.*, XI. 202†; *Relative humidity of S. New England*, IX. 579†; *Wave or billow clouds*, XIV. 465†; *Wind velocity . . . and water-level on Lake Erie*, XVI. 685; XX. 103§, 247†
- , R.: *Dusty Sound*, IX. 243†
- of Mainz, *Map of*, XV. 136
- the Navigator, Prince: A. Alves, V. 187†; S. Ruge, III. 353†; *Fifth Centenary of*, III. 241; *R.G.S. meeting to commemorate*, III. 343, 388*; *Henri le Navigateur et l'Académie de Sagres*: J. Mees, XVIII. 242†, 648†; *O centenário do Infante em Sagres*, VI. 398†
- Henslow, G.: *Origin of plant-structures, etc.*, V. 185†
- Hensman, H.: *Cecil Rhodes*, XIX. 782†; *History of Rhodesia*, XVII. 322†
- Henz, W.: *Das Delta der Elbe*, XV. 188†
- Hepburn, M. L.: *Influence of high altitudes in mountaineering*, XVIII. 344†
- Hepworth, M. W. C.: *Current observations on Canadian-Australian route*, XV. 89†; *Meteorology . . . in naval warfare*, VIII. 424†; *remarks on weather*

HERDMAN

- conditions . . . between Fiji and Hawaii, XVII. 96†; *Value of meteorological observations at sea*, XIV. 233†
- Herat, *Mission to, and Kushk Valley*: A. C. Yate, II. 277†
- Herat-i-Kharah, *Persia*, VII. 27
- Hérault, P.: *Ressources minières de Madagascar*, XIX. 657†
- Hérault — *Aperçus de géologie communale*: M. de Rouville, XVII. 671†; *Géographie générale*, IX. 231†; XVII. 84†, 544†; *Matériaux pour la géographie anthropologique, etc.*: G. de Laponge, VI. 292†
- Herbert, W. V.: *Maps and plans to illustrate "Defence of Plevna"*, V. 405†
- Herbert, Mt. and its Southern ridge: F. W. Oliver, VIII. 188†
- Herberton, *Queensland*: *Deep (tin) Lead*, Report: S. Skertchly, XI. 320†
- Herbertson, A. J.: *appointed lecturer in geography at Manchester*, IV. 171; *Climate of S. Africa*, XVI. 370†; *Commercial geography of British Isles*, XIV. 677†; *degree at Freiburg*, XII. 320; *Distribution of agricultural products, etc. (review)*, XV. 52; *Distribution of rainfall*, XVII. 563†; *Diversion of drainage of rivers of England*, XX. 524; *Geographical education*, IX. 347†; *Geography at Owens College*, VI. 77; VIII. 63; *Geography in education*, XI. 442†; *Geography of Scotland*, XII. 323†; *Geological reports from S. Africa*, XX. 630*; *Illustrated school geography*, XII. 529, 547†; *Importance of geography in secondary education, etc.*, VIII. 534†; *Mapping of plant associations*, X. 653†; *Monthly rainfall over land*, XIV. 688†; XV. 89†; *Outlines of physiography*, XVIII. 341†; *Parlous plight of geography in Scottish education*, XI. 460†; *Position of economic geography in education*, XI. 324†; XIV. 589†; *remarks on "Teaching of geography"*, XIX. 81; *on "Twelve years' work of the Ordnance Survey"*, XV. 597; *Supan on rainfall of the globe*, XIII. 61; *Report on teaching of applied geography*, XIV. 589†
- and F. D.: *Man and his work*, XIV. 588†
- , F. D.: *Descriptive geographies from original sources*; *N. America*, XIX. 401†
- Herculais, J. K. d': *Le grand Acridien américain*, XVIII. 114†
- Herculeaneum and Pompeii: J. F. Horne, XI. 681†
- Herden, P.: *Die Bildung der nord-deutschen Fluss-systeme*, XIII. 88†, 299§; *Wasserfälle der Sudeten*, XV. 433†
- Herdman, W. A.: *Report of Liverpool marine biology committee*, XIII. 460†
- , J. C. Thompson, and

HEREDITY

- A. Scott: Plankton collected . . . in N. Atlantic, XI. 321 †
- Heredity and environment in man: D. G. Brinton, XIII. 98 †
- Hereford Earthquake of 1896, etc.: E. Greenly, XIV. 578 †
- Herefordshire—Archæological Survey: J. O. Bevan, J. Davies, and F. Haverfield, X. 227 †; and Worcestershire, Handbook: Murray, VIII. 415 †
- Héréus, C.: Caverne de Ratelstein en Styrie, XIV. 221 †
- Herfst, J. J.: Officieele Kaart van den Oranje Vrystaat, I. 94 †; Reference map, do., X. 235; School Kaart, do., VI. 203 †
- Hergesell, H.: Beobachtungen . . . der Temperatur im Weissen See, VII. 338 †; VIII. 395 §; Clairant'sche Theorem, IX. 244 †; Internationalen Ballonfahrten, X. 343 †; XIV. 124 †; Luftdruck und Temperatur - Verteilung über Europa, etc., XVI. 135 †; Temperatur der freien Atmosphäre, XVI. 374 †
- Herlin, R.: Paläontologisch-växtgeografiska studier i norra Satakunta, VIII. 413 †; Tavastmons erosionsterrasser och strandlinjer, IX. 678 †
- Herman, O.: Fischertopographie des Balaton, I. 374 †; Hungarian place-names derived from fishing industry, II. 167
- Hermann, R. A.: Abessiniens Grenzen, XX. 354 †; Bevölkerung der Insel Pitcairn, XX. 128 †
- Hermite, G.: on temperature of the atmosphere, III. 239; Sur un voyage aérien de longue durée, XIV. 689 †
- et Besançon: Trois ascensions françaises, X. 343 †
- Herodotus—Attempt to reconstruct maps used by: J. L. Myres, VIII. 605 *; IX. 467 †; on Cynops and neighbourhood, IX. 631; Circumnavigation of Africa related by: letter from A. W. Stiffe on, XVII. 203; Egypt of . . . Herodotus: A. H. Sayce, VII. 213 †; VIII. 70; How far his remarks bearing on Egyptian geology are reliable . . . F. Walker and Sir J. Dawson, XIV. 459 †
- Heron, Lieut.: hydrographical expedition to Indo-China, XIX. 214
- Herr: La rivière Ouom, XII. 434 †; Mission Clozel dans le Nord du Congo français, VIII. 93 †
- , J. und W. Tinter: Astronomische Arbeiten der . . . Gradmessungs-Commission, VII. 106 †
- Herrieh, A.: C. Flemming's General-karten, Afrika, I. 94 †; III. 167 †; Handkarte der Gebiete um den Nordpol, VIII. 167 †; Wandkarte des Weltverkehrs, VII. 574 †; Weltverkehrskarte, IV. 287 †
- Herriek, C. L.: Mammals of Minnesota, II. 187 †
- Herrle, G.: Submarine cables of the world, VII. 685 †

HERZEGOVINA

- Herrmann, E.: Drachen zu wissenschaftlichen Zwecken, XII. 216 †; Eisverhältnisse an der deutschen Küste, XVII. 206 †
- , Hptm.: Deutsch-englischen Grenze zwischen Nyassa und Tanganyika, XVII. 429 §, 554 †; Boundary expedition to Kivu region, XVII. 429; Die Kivu-Vulkane, XIX. 217 §, 526 †; Die Wasiba und ihr Land, III. 439 †; IV. 363 §; Geology of W. coast of Victoria Nyanza, XV. 179; Hermanns Aufnahmen zwischen dem Victoria Nyanza und dem Kagera, XIV. 321 §, 460 †; in Victoria Nyanza region, XVII. 75; Ugogo, das Land und seiner Bewohner, I. 182 †
- , Kohlschütter, und Glauning: Nyassa-Tanganyika Grenz-expedition (map), XVII. 429 §, 458 †
- , J.: Noworossisk, XVII. 546 †; Ort und Ursache der Strandungen deutsche Seeschiffe, XIV. 347 †; Valparaiso, XVI. 490 †
- , R.: Besuch im Gold-distrikt von Camarins Norte, XI. 313 †
- Herron, J. S.: Explorations in Alaska for . . . overland route, XX. 105 §, 127 †
- Hert, Père de; progress of Congo railway, V. 385
- Hershey, O. H.: Ancient glaciers of Sierra Costa mts., XVI. 252 †; Boston mountain physiography, XX. 247 †; Cretaceous outliers in Klamath region, XX. 468 †; Supposed early Tertiary peneplain in do., XX. 358 †
- Herteman, P.: Etude présentée à la Société de Géographie de Lille, XVIII. 634 †
- Hertfordshire—Highways and Byways in: H. W. Tompkins, XX. 241 †; Maps: H. G. Fordham, XIX. 523 †; Murray's Handbook, VIII. 414 †
- Hertslet, Sir E.: Collection of treaties . . . between Gt. Britain and foreign powers, II. 568 †; VII. 571 †; Map of Africa by treaty, V. 606 †; IX. 576 †; Map of Europe by treaty, etc., II. 378 †; obituary, XX. 347
- Hertz, M.: expedition to recover a mammoth in Kolymask, XIX. 215
- Hertzberg, H.: Ratzel's Politische Geographie, XIII. 99 †
- Hervé, M.: Observations de mirage, XIX. 780 †
- Herzegovina (*see also* Bosnia)—Bergfahrten in den Alpen der: M. von Dechy, IV. 84 †
- Excursion en Herzégovine et en Bosnie: P. Gaffarel, X. 117 †
- Farming industries, XV. 641
- Geomorphologische Studien aus den Herzegowina: A. Penck, XVII. 443 †; XX. 428 §
- Landwirtschaft in Bosnia und, XVII. 83 †

HESS

- Hess, H.: Wandertage in den Steiner Alpen, IX. 457 †
 —, J.: A l'île du Diable, XIII. 458 †;
 Les Ports . . . en Tunisie, XI. 95 †;
 L'extrême Sud-algérien et le Touat, X. 228 †
 Hessel, T. J.: Commerce du "caucho" dans l'Amérique du sud, XIV. 685 †
 Hesselberg am Frankenjura, etc.: C. Gruber, VIII. 188 †
 Hessen—Beiträge zur Kenntnis der Niederhessischen Basalte: M. Bauer, XVII. 544 †; Grossherzoglich Hessischen Centralstelle für die Landesstatistik, X. 338 †; Volksdichte der . . . Provinz Oberhessen: G. Krausmüller, XVII. 544 †; XVIII. 321 †
 Hesse-Wartegg, E. von: Samoa, Bismarck-Archipel und Neuguinea, XIX. 778 †; Schantung und Deutsch-China, XIV. 679 †
 Hetherington, E.: Index to periodicals of 1894, VII. 223 †
 Hetherwick, A.: Handbook of Yao Language, XIX. 655 †; Manual of Nyanja language, XIX. 655 †
 Hetteema, H.: Geschiedenis van het grondgebied der Zuid-Afrikaansche Republiek, XVIII. 641 †
 Hettner, A.: Anden des westlichen Kolumbiens, II. 280 †; Entwicklung der Geographie, XII. 441 †; Gegenwärtige Stand der Verkehrsgeographie, XI. 459 †; Geographische Forschung und Bildung, VI. 397 †; Geographische Verleitung der Transportmittel des Landverkehrs, V. 187 †; Kordillere von Bogota, I. 87 †, 94 †; Lage der Menschlichen Ansiedelung, VII. 118 †; Landbauzonen der aussertropischen Länder, XVIII. 647 †; Neue Ausserungen über Wesen und Aufgaben der Geographie, XVII. 219 †; Sketch of Andes of W. Colombia, II. 268; Ueber den Begriff der Erdteile und seine geographische Bedeutung, IV. 92 †; Ueber Bevölkerungsstatistische Grundkarten, XVI. 129 †; XIX. 409 †
 Heudebert, L.: Au pays des Somalis et des Comoriens, XVII. 554 †; XVIII. 300 §
 Heulhard, A.: Villegagnon, XI. 323 †
 Heuman, E.: Om Santalfolket och dess nuvarande hemland, VII. 563 †
 Hevesi, L.: Wilhelm Junker, VII. 569 †
 Hewitt, J. F.: Pre-Aryan commercial village, XIV. 225 †
 Hewlett, G.: Position of geography as a school subject, IX. 347 †
 Hex River mts., Excursion to: R. Marloth, VIII. 93 †
 Hey river, Queensland, X. 98
 Heyerdahl, T.: "Kane's" Reise langs Spitsbergens vestkyst, VII. 117 †
 Heyfelder, O.: Bevölkerung Bucharas, V. 280

HILL

- Heyn, W.: Present and future prospects of timber in Tasmania, XX. 672 †
 Heyting, T.: Beschrijving der Onderaf-deeling Groot Mandeling en Batang-Natal, X. 550 †
 Heywood, J. W.: Holiday in Japan, XIX. 231 †
 Hiatus et Lacune, Vestiges . . . dans la grotte du Mas d'Azil: E. Piette, VIII. 647 †
 Hickmann, A. L.: Taschen-Atlas der deutschen Reichs, V. 190 †; VIII. 197
 Hicks, weaver of tapestry maps, IX. 214
 Hiddensöe, Spaltenbildungen und Landverlust auf: H. Seidel, XIII. 555 †
 Hiekisch, C.: Données hypsométriques de la Russie d'Asie, XIX. 634 §, 769 †
 Hierapolis, Asia Mi., VII. 191; Hierapolis: W. Borée, XIX. 770 †
 Hiern, W. P.: African plants collected by F. Welwitsch, XI. 93 †; XV. 83 †; XIX. 773 †
 Higgins, E. E.: Transportation problems in cities, XIV. 237 †
 High Cup Gill, Lake District, VII. 608
 Highest climbs on record, The: D. W. Freshfield, XI. 461 †
 Highlands, The: *see* Scotland
 Highway Dome, Spitsbergen, XII. 142
 — glacier, Spitsbergen, XII. 153
 Highway of the Nations, The: M. Bell, XIV. 678 †
 Highways of commerce; Trade routes of foreign countries, VII. 570 †
 Hilber, V.: Geologische Reise in Nord-Griechenland, etc., X. 451 †; on geology of Pindus mts., III. 55
 Hildebrand, W. F.: Volcanic ejecta from Martinique and St. Vincent, XX. 672 †
 Hildebrandsson, H. H.: on climate, X. 305; on comparative studies in climate, XVI. 234; Recherches . . . sur l'atmosphère, XII. 104 †; Sur les centres d'action de l'atmosphère. II. La Pluie, XVI. 234 §, 257 †
 Hildebrandt, M.: Biography of Reinhard Bernhard, XI. 460 †
 Hilder, F. F.: Gold in the Philippines, XVII. 447 †; Philippine Is., XII. 432 †
 Hilgard, E. W.: Physical and industrial geography of California, I. 536*; Relations of soil to climate, I. 275; 282 †; Soils in arid regions, XIX. 406 †; Submarine valleys of Californian coast, XX. 104
 Hilhouse, W.: Up Cuyuni in 1837, IX. 579 †
 Hill, A.: Run round the Empire, XI. 576 †
 —, Hon. D.: Original territory of U.S., XIV. 120 †
 — E. J.: Trip through Siberia, XX. 124 †
 —, G.: Journey E. of the Jordan and Dead Sea, VII. 442 †; Journey to Petra, IX. 697 †; Rise of Dead Sea, XVI. 555

HILL

- Hill, G. H.: Thirlmere works for water supply of Manchester, IX. 337 †
 —, H.: On the Hawke's Bay Plain, XII. 636 †; Ruapehu, retrospect and prospect, VII. 116 †
 —, H. C.: Forest administration in Federated Malay States, XVII. 674 †
 —, H. W.: Explorations in C. Australia, XX. 567
 —, J.: Orissa and Northern Circars, VIII. 309 †; Survey of India, spirit-levelled heights, II. 562 †; Do. Burma, V. 507 †
 — and E. Roberts: Tide-tables for Indian ports, III. 346 †
 —, R. T.: Coast prairie of Texas, XIX. 402 †; Cretaceous formations of Mexico, I. 568 †; Cuba, XII. 327 †; Cuba and Porto Rico, etc., XIII. 325 †, 539 §; Descriptive topographic terms of Spanish America, IX. 116 †, 227 §; Geology and physical geography of Jamaica, XV. 442 †; XVI. 354 §; Map of Texas, XVI. 263 †; Panama Canal route, VII. 445 †; Porto Rico, XIII. 683 †; Do., Forest conditions, XV. 283 §, 442 †; Volcanic disturbances in West Indies, XX. 432 §, 671 †
 —, W. B.: Ancient Southampton, Catalogue of works of art, XIV. 677 †
 Hill of the Graces, The: H. S. Cowper, XI. 94 †
 Hillary, F.: Journey to North of Corea, XVII. 551 †
 Hillemanns: Unsere Kolonien im Jahre 1900, XIX. 112 †
 Hiller, H. M.: Journey up Rejang river, XI. 179, 195 †; Manners and customs of people of S. Borneo, XX. 243 †, 466 †
 — and W. H. Furness: Trip to Veddahs of Ceylon, XVIII. 548 †; XX. 242 †
 Hillgrove goldfield, N.S.W., Report: E. C. Andrews, XVII. 95 †
 Hilliard-Atteridge, A.: French expeditions in W. Africa, XV. 551 †
 Hillier, A. P.: Native races of S. Africa, XIII. 563 †
 —, W. C.: Growth of Vladivostok and Korea, I. 456
 Hills, E. H.: Longitudes by photography, XI. 457 †; XII. 620 §; Sailing directions for E. Coast of U.S., XV. 195 †
 Hill-shading: *see* Cartography
 Hills-Johnes, Sir J.: remarks on "Tirah," XII. 359
 Hill-Tout, C.: Prehistoric man in Br. Columbia, IX. 341 †; Oceanic origin of Kwakiutl-Nootka, etc., XV. 553 †; Squamish Indians of Br. Columbia, XIV. 119 †
 Hilprecht, H. V.: Excavations at Nippur, XV. 81 †
Himalaya—age, III. 195; barren country to north, II. 291; conformation, XVI. 527, 529; explorations, VIII. 6;

HINGOR

Himalaya—*continued*.

- glaciers, XV. 411; natural features, VIII. 18; surveys, XX. 236; upheaval and structure, III. 176, 185
 Across the Himalayas in mid-winter: Earl of Ronaldshay, XIX. 230 †
 Among the: L. A. Waddell, XIII. 320 †; 422 §
 An artist in the: A. D. McCormick, VII. 441 †
 Ascents in the: E. Whymper, I. 468 †
 Attraction upon the plumb-line in India: S. G. Burrard, XIX. 615 §; XX. 123 †, 626
 Diener's expedition, I. 66; II. 18, 258 *, 277 †; Reise im Central-Himalaya, C. Diener, VII. 111 †
 Eiszeit im: C. Diener, VII. 441 †
 Glaciers of Kangchenjunga: D. W. Freshfield, XIX. 453 *; *see* Kangchenjunga
 In the ice world of: F. B. and W. H. Workman, XVI. 577 †, 681 §; XVIII. 637 †
 In and beyond the: J. S. Stone, IX. 104 †
 Mountaineering in the: Hon. C. G. Bruce, XVII. 550 †
 Name des höchsten Berges der Erde: D. W. Freshfield und E. Schlagintweit, XVII. 549 †; XX. 123 †; *see* Everest
 Photographs: B. Whitehouse, VI. 108
 River valleys of the: R. D. Oldham, IV. 85 †
 Round Kanchinjunga: D. W. Freshfield, XVII. 88 †, 447 †
 Himeria, Bispo de: Padroado de Portugal em Africa, VII. 443 †
 Himileo, voyage of, I. 510
 Hinyarite towns, ruins in Hadramut valley, IV. 325
 Hinde, H.: Masai language, XVIII. 330 †
 —, S. L.: Fall of Congo Arabs, IX. 340 †; X. 179 §; remarks on "Journey to Mt. Kenya," XV. 474; on "Through Somaliland," XI. 394; "Three years' travel in Congo Free State, V. 426 *
 —, and H.: Last of the Masai, XVIII. 550 †; XIX. 200 §
 Hinde valley, Mt. Kenya, XV. 474
 Hindorf and Dove: on prospects of Germ. S.W. Africa, V. 485
 Hindu domestic and religious customs: J. E. Nevins, X. 648 †
 Hindu Kush—
 Aryens au nord et au sud de l'Hindou-Kouch: C. de Ujfalvy, IX. 236 †
 Chitral, Hunza and the Hindu Kush: F. E. Younghusband, V. 409 *
 Origin of Kafirs of: Sir T. H. Holdich, VII. 42 *
 Passes of, I. 131
 Peaks of, V. 425
 Hindustani self-taught: C. A. Thimm, XIX. 783 †
 Hingor river: *see* Tomerus

HINKELMANN

- Hinkelmann: Fish-fauna of Kaiser-Wilhelm Canal, XIII. 654
- Hinna as remedy for scurvy, Raverty on, I. 367
- Hinterseiferner, Boring in, XX. 534
- Hints . . . on Choice of Geographical Books: H. R. Mill, X. 641 §; XI. 106 +
- Hints to Travellers, III. 257 +; XVIII. 115 +; lectures by professors of Paris Museum, VII. 319
- Hinxman, L. W.: River Spey, XVII. 655 §; XVIII. 105 +
- Hiogo, Trade Rep., † XIII. 90; XVI. 248; XVIII. 106
- Hippolyte-Boussac, P.: Thèbes, XII. 434 +
- Hirado, History of English factory at: L. Riess, XV. 295 +
- Hira-Shima, V. 292
- Hirayu hot springs, Japan, VII. 148
- Hirn, Y.: Pueblofolkens Konstlif, XVI. 253 +
- Hirondelle deep, Atlantic, XX. 546
- Hirondelle*, Dernier voyage scientifique de l': Prince de Monaco, XX. 250 +
- Hirsch, A.: Comptes-rendus . . . de l'Association géodésique internationale, † IV. 381; VI. 394; VIII. 423; IX. 243; X. 233; XIV. 686
- , L.: Aufenthalt in Makalla, X. 648 +; Bericht über seine Reise nach Hadramut, III. 530 +; Journey in Hadramut, III. 196 *; Reisen in Süd-Arabien, IX. 459 +; X. 438 §
- Hirschberg and Oestergaard: Map of British Is., XIX. 243 +
- Hirschfeld, E.: Geographical and climatic factor in consumption, XVII. 219 +
- Hirschfeld, G.: H. Prutz, VII. 222 +
- , O.: Aquitanien in der Römerzeit, VIII. 647 +
- Hirst, F. W.: A dissolving Empire, XII. 425 +
- Hirt, H.: Urheimat und Wanderungen der Indogermanen, VII. 339 +
- Hirth, F.: Bucht von Kiau-tschau und ihr Hinterland, XI. 311 +, 450; Chao Ju-Kua's ethnography, VIII. 416 +; Early Geography in China, XI. 67; Fremde Einflüsse in der chinesischen Kunst, VIII. 650 +; Geschichte der Chinesischen Malerei, XI. 67 §, 310 +; Insel Hainan nach Chao Ju-Kua, VIII. 650 +; Länder des Islam nach Chinesischen Quellen, VI. 201; Reich Malabar nach Chao Ju-Kua, VI. 486 +; Schantung und Kiau-tschou, XIII. 89 +; Zur Kulturgeschichte der Chinesen, XII. 540 +; Zwei Jahre am Yangtse-Kiang, VII. 329 +
- Hise, C. R. van: Estimates and causes of crustal shortening, XI. 573 +
- , W. S. Bayley, and H. L. Smyth: Marquette iron-bearing district of Michigan, XI. 571 +

HOBLEY

- Hispar glacier, Karakoram, I. 503; XII. 145
- pass, II. 297; Crossing of: Sir W. M. Conway, I. 131 *
- valley, II. 297
- Hissar district, Gazeteer, II. 185 +
- mts.: exploration by V. V. Lipsky and L. S. Barschevsky, IX. 567; XI. 66; XII. 185
- Histoire ancienne des peuples de l'Orient: G. Maspero, XV. 445 +
- Historical Atlas: see Atlas
- Historical geography, and History of geography: see under Geography and Education
- History—Weltgeschichte: ed. H. F. Helmolt, † XV. 446; XVII. 543; XIX. 240
- Hitcheock, A. S.: Plant geography of Kansas, XIII. 324 +
- , F. H.: Agricultural exports of U.S., XIX. 109 +; Our foreign trade in agricultural products, XVII. 452 +; XVIII. 553 +; Our trade with Japan, China, and Hong-Kong, XVIII. 229 +; Sources of agricultural imports of U.S., XVIII. 234 +; Trade of Puerto Rico, XVII. 95 +; of Philippine Is., XVII. 447 +
- , M. E.: Two women in Klondyke, XV. 84 +
- , R.: Ancient pit-dwellers of Yezo, I. 565 +
- Hitier, H.: L'évolution de l'agriculture, XIX. 533 +
- Hitomi I.: Dai-Nippon, Le Japon, XVII. 88 +
- Hittite monument at Malatia, VIII. 327
- Hüen Thsang: see Hwen Thsang
- Hjälmarens vattenförhållanden åren 1889–1897: G. Nerman, XII. 428 +
- Hjort, J.: On Norwegian fishery and marine investigations, XVII. 445 +; XVIII. 84 §; Norwegian fishing grounds, XI. 172; Organismen and Stromförhållnisse im . . . Nordmeere, XI. 321 +; Proposed voyage to northern seas, XV. 650; Studies of Norwegian fisheries, VII. 221 +; IX. 677 +
- , O. Nordgaard, and H. H. Gran: Report on Norwegian marine investigations, XVI. 131 +
- Hljóthaklettur, Iceland, III. 277
- Hoang-ho: see Hwang-ho
- Hobart: surveys in Buddu, Koki, and Ankole, XII. 189
- Hobart—Les ports d'Australie: Hobart: G. Bourge, XV. 555 +
- Hobbs, W. H.: Diamond fields of the Great Lakes, XIV. 461 +; River system of Connecticut, XIX. 91 §, 235 +
- Hobley, C. W.: Journey round Mt. Masawa or Elgon, VIII. 636; IX. 178 *; Kavirondo, XII. 361 *; on Kosova tribe, XIX. 4; People, places, and prospects in Br. E. Africa, IV. 97 *; Visit to Tsavo and Taita Highlands, V. 545 *

HOBLEY

- Hobley valley, Mt. Kenya, IV. 417; XV. 474
 Hochreutiner, B. P. G.: Mission scientifique dans le Sud-Oranais, XX. 668 †
 Hochstetter, W.: Wasserwirtschaftliche Vorlage in Preussen, XVIII. 225 †
 Hochstetter Dome, New Zealand, I. 38
 Höck, F.: Die biologische Erdkunde im Schulunterrichte, XIX. 241 †; Laubwaldflora Norddeutschlands, VII. 327 †; Nadelwaldflora Norddeutschlands, I. 467 †; II. 64 §; Pflanzengeographische Untersuchung, XVI. 570 †
 Hocken, T. M.: A. Tasman and his Journal, IX. 243 †
 Hodakayama, Japan, VII. 127
 Hodder, E.: History of S. Australia, etc., II. 92 †
 Hodeida, trade, II. 460
 Hodge, F. W.: Banelier's Researches in Peru and Bolivia, XI. 318 †; Enchanted Mesa, XI. 98 †; Erforschung der Verzauberten Mesa, XIII. 681 †; List of publications of Bureau of Ethnology, VI. 396 †; Verification of a tradition, XII. 100 †
 Hodges, H. M.: sounding in N. Pacific, XV. 426
 —, L. K.: Mineral resources of Washington and Br. Columbia, XII. 214 †
 Hodgetts, E. B.: Round about Armenia, etc., IX. 104 †
 Hodgins, T.: Alaska-Canada boundary dispute, XX. 559 †; Canada's loss by Treaty of Independence and since, XI. 315 †
 Hodgkinson goldfield, Notes on present condition of: R. L. Jack, IX. 580
 Hodgson, Lady: Siege of Kumassi, XVII. 554 †
 —, B. H.: Life of: Sir W. W. Hunter, IX. 468 †, 535 §
 Hödl, R.: History of development of Danube, V. 270
 Hödlmoser, C.: Ueber Terrain-Darstellung in Karten, XII. 438 †
 Hoekstra, J. F.: De bevolking . . . in Nederland, IX. 457 †; Het Possomeer, IX. 237 †
 Hoepfli, M.: Guida-Itinerario alle Prealpi Bergamasche, XVI. 362 †
 Hoernes, M.: Bosnien und die Hercegovina, VIII. 526 †; IX. 103 †; Vorpontische Erosion, XIX. 660 †
 Hoernle, A. R.: Collection of antiquities from C. Asia, XV. 79 †
 Hoemann: Expedition längs der süd-grenze von Kamerun, XX. 558 †
 Hoevell, Baron van: Bijscript bij de Kaarten van Seran, IX. 461 †
 Hoey, W.: Identification of Kusinara, Vaisati, etc., XVII. 88 †
 Hofats im Algäu, Die: J. Enzensperger, IX. 457 †
 Hoffmann, G. C.: Report of . . . Geological Survey of Canada, VIII. 191 †

HOLDER

- Hoffmann, T.: Photographs in Sikkim, I. 288
 —, W. J.: Menomini Indians, XI. 98 †
 —, I., Franz Josef Land, X. 189
 Höfler, M.: Die Entstehung des Föhns, XIX. 111 †; Friedrich von Hellwald, I. 91 †
 Hofman, A.: Marschbewohner an der Weser und Elbe, VIII. 647 †
 Hofmeier, S.: Yangtze-Fahrt eines deutschen Linienschiffes, XVIII. 635 †
 Hofra-en-Nahas copper mines, VII. 429
 Hogan, J. F.: Gladstone Colony, XI. 571 †, 670 †
 Hogarth, D. G.: Exploration of Crete, XVII. 545 †; Nearer East, XIX. 783 †; XX. 641 §; remarks on "Desert sand-dunes," XV. 30; on "Geographical conditions . . . in Asia Mi.," XX. 578; Wandering scholar in the Levant, VIII. 92 †; IX. 330 §
 — and J. Munro: Roads in E. Asia Mi., III. 159 †
 Högbom, A. G.: Genombrottsdalar i Vart lands sydliga fjäldtrakter, VII. 561 †; Sur la tectonique et l'orographie de la Scandinavie, XX. 240 †
 Hogg, E. G.: Contribution to petrology of Kerguelen, I. XV. 197 †; Magnetic Survey of Tasmania, XX. 672 †
 Hoggar Twaregs, Visit to the: W. J. H. King, XX. 507 *
 Hoghton, F. A.: Operations of Mohmand Field Force, XVI. 123 †
 Hogskin Vley, S.W. Africa, II. 38
 Hohenlohe I., Franz Josef Land, X. 189
 Hohler, T. B.: Oasis of Siva, XIX. 232 †
 Höhnel, von: Accident in E. Africa, II. 534; Constructions-Elemente für die Karte des Keniagebietes, etc., IV. 478 †; discovery of Lake Kibibi, IV. 310; discovery of Lakes Rudolf and Stefanie, III. 502; on lunar observations, II. 423; Positions determined in E. Africa, I. 270; Provisorische Karte der Expedition W. A. Chanler's, II. 191 †, 285 †
 Höhnel valley, Mt. Kenya, IV. 418; XV. 474
 — lake, IV. 418
 Hoima fort, position, IX. 390
 Hokkaido, Place-names in: K. Jimbo, XIII. 90 †
 Holden, E. S.: biography, IX. 115 †; Catalogue of earthquakes on Pacific coast, XII. 435 †; Earthquakes in California, 1890-1, II. 380 †; Mountain observatories in America and Europe, X. 556 †
 Holder, C. F.: Remarkable salt-deposit, XIX. 529 †
 —, H. W.: Climbs among peaks of Adyrsu, XI. 196 †

HOLDICH

- Holdich, Sir T. H.—
 Advances in Asia and Imperial consolidation in India, XVII. 240 *
 Alexander the Great, Route of, IV. 360, 458
 Expedition to Patagonian Andes, XX. 7
 Geodetic connection between . . . Russia and India, VIII. 309 †
 Geography of N.W. Frontier of India, XVII. 461 *; XVIII. 455 †
 Greek retreat from India, XVIII. 324 †
 How are we to get maps of Africa? XVIII. 590 *
 Indian Borderland, 1880-1900, XVII. 550 †, 632 §
 Lhasa, XVIII. 602 *
 Maguire's Military Geography, XV. 239 §
 Makran—history of, II. 153; letter on, VIII. 408; Notes on antiquities of Las Bela and Makran, V. 280 †; Notes on ancient and mediæval Makran, VII. 387 *; 677 †
 Obituary of Gen. Sir W. S. Lockhart, XV. 542; of R. G. Woodthorpe, XII. 195
 Origin of Kafirs of Hindu Kush, VII. 42 *
 Orographic map of Afghanistan and Baluchistan, XVI. 527 *; XVII. 319 †
 Pamir Boundary Commission, VII. 91, 92; Preliminary report . . . in connection with boundary delimitation, VII. 441 †
 Perso-Baluch Boundary, IX. 416 *
 Railway connection with India, XVI. 444; XVIII. 324 †
 Remarks—on death of F. Pullar, XVII. 441; "Exploration in Canadian Rocky Mts.," XVII. 269, 272; "Formation of Maldives," XIX. 296, 301; "Fourth journey in Persia," XIX. 169; "Journey through Abyssinia," XV. 118, 120; "Journey to Mt. Kenya," XV. 476; "Journeys in C. Asia," XVI. 524; "Journeys in Linyanti region," XVII. 585, 587; "Journey to North of Uganda," XIV. 153; "King Menelek's dominions, etc.," XVI. 305; "Nyasa-Tanganyika Plateau," XIII. 621; "S. America," XVII. 407, 409; "Travels and researches in Rhodesia," XIII. 394; "Travels in Bokhara," XIV. 618
 Retreat from India, IV. 469 †
 Some geographical problems, XX. 411 *
 Sven Hedin and Dutreuil de Rhins in C. Asia, XIII. 159 §
 Tirah, XII. 337 *; XIII. 90 †
 Use of practical geography, illustrated by recent frontier operations, XIII. 465 *
 War maps, XVI. 492 †
 Holetshek, J.: Biography of H. K. Vogel, III. 257 †

HOLLAND

- Holland, F. C.: Prospects of Rhodesia, X. 551 †
 ———, T. H.: Geological structure . . . of hill slopes around Naini Tal, X. 120 †; Geology of . . . Salem, Madras, XVIII. 325 †; Manual of Geology of India—Corundum, XIII. 558 †; Report on Gohna landslip, IV. 376 †; Survey of do., IV. 168
Holland—
 Aanwinst en verlies van gronden in Zeeland: A. Beekman, XI. 449 †
 Atlas of Royal Meteorological Institute, VII. 267
 Au pays de Rembrandt et de Frans Hals: V. de Swarte, XIV. 454 †
 Behind Dikes and Dunes, VIII. 647 †
 Beschrijving van . . . grondboringen: J. Loricé, XV. 294 †
 Bevolking in Nederland: J. F. Hoekstra, IX. 457 †; Do., Diehtheid der: J. Kuyper, XII. 427 †
 Bibliotheca Neerlandica: M. Nijhoff, VIII. 528 †
 Brongas in Nederland: J. Loricé, XIV. 223 †
 Census, XVIII. 208
 Country below the sea: H. Crowther, XII. 92 †
 Density of population: J. Kuyper, III. 250 †
 Description géographique de la Hollande . . . au moyen âge: J. Van Baren, XIX. 650 †
Dolphin, Cruise in Dutch waters: E. W. Mellor, XI. 192 †
 Franken in Drenthe: J. te Winkel, XIV. 675 †
 Geologie van Nederland: H. van Cappelle, XIII. 536 †; Papers by J. Loricé and J. L. C. Schroeder van der Kolk, XI. 449 †
 Grenzen van de provincie Overijssel: R. Schuiling, XVIII. 321
 Groenlosche slinge en haar stroomgebied: F. E. L. Veeren, XIX. 228 †
 Heaths and hollows of: W. E. Griffiths, XVII. 318 †
 Holland and its inhabitants: H. Blink, IV. 185 †
 Hollande, géographique, ethnologique, etc.: M. F. Bernard and others, XVI. 485 †
 Komen er "Franken" voor in Drente of "Kelten"? J. Sasse, XIV. 675 †
 Maps—Handelskaart van . . . der Nederlanden: Van der Graaf, IV. 582 †; Taalkaart voor Noord-Nederland: J. te Winkel, V. 604 †; Topographical map: E. de Geest, I. 475 †
 Nederlandsche diluvialgebied: H. van Cappelle, XVII. 444 †
 Nomina Geographica Neerlandica: A. A. Beekman, XIX. 650
 Noordnederlandsche tongvallen: J. te Winkel, XIV. 223 †

HOLLAND**Holland—continued.**

- Onze brakke, ijszerhoudende en alkalische Bodenwateren; J. Loric, XV. 294 †
- Outdoor life in Holland: C. J. Cornish, X. 118 †
- Politique coloniale de la Hollande: C. Delannoy, VIII. 412 †
- Rainfall: H. Tonkas, III. 157 †
- Reading list on Netherlands: E. G. Thorne, XIV. 331 †
- Sand-dunes, IX. 305; Binnenduinen . . . J. Loric, IV. 280 †
- Shores, Protection against encroachments of sea: E. L. Corthell, XI. 449 †
- Steenkolen in Limburg: C. J. van Loon, XVIII. 226 †
- Steinkohlen in Niederländisch Limburg: H. Zondervan, XVIII. 632 †
- Stormvloed van December 1894: J. Loric, XI. 192 †
- Vorläufige Ergebnisse der . . . Volkszählung: K. Neukirch, XVIII. 632 †
- Waterwegen in Oud-Holland: A. Beekman, X. 547 †
- Hollander, A.: on Changes of coast line of Sweden, XVIII. 617; § Om Sveriges Nivåförändringar, XVIII. 634 †
- Hollick, A.: Notes on Block I., XII. 543 †
- Hollis, C.: People of Taveta, XIX. 398 †
- Hollway, H. S.: Bibliography of . . . S. Africa, XIV. 338 †
- Holm, H.: Flora der ewigen Schnee- und Eis-Region, XIX. 405 †
- , J.: Missions- og Handelsstationen Angmagsalik paa Grönlands östkyst, V. 286 †
- and Hammer: Hydrographic surveys in Iceland and Færoes, XV. 428
- Holmes, F. H.: Where does day begin? XIV. 464
- , W. H.: Ancient quarry in Indian Territory, VI. 393 †; Archaeological studies among ancient cities of Mexico, XI. 201 †
- Holmquist, P. J.: Om Rödömrådets, XIV. 677 †
- Holmsen, A.: Freezing and thawing of Norwegian lakes, XX. 98 §; Do., Isforholdene, etc., XX. 121 †; Vore største indsjøer, XVI. 572 †
- Hollwood: remarks on "Kurdistan," III. 93
- Holst: researches into flora of Usambara, V. 169
- Holtham, E. G.: Chinepas aqueduct and mineral railway, II. 380 †
- Holtze, M. W.: Agricultural capabilities of Northern Territory, S. Australia, XIX. 378 §, 404 †
- Holub, E.: biography, XX. 251 †; Die Ma-Atabele, III. 72 †; obituary, XIX. 517; Südafrikanische Ausstellung (map), VII. 124 †

HONGKONG

- Holway, R. S.: Modeling Mt. Shasta, XVII. 456 †
- Holyhead, road map: H. R. G. Inglis, III. 537 †
- Holy Land: *see* Palestine
- Holzappel, E.: Zusammenhang . . . der deutschen Kohlenfelder, XVII. 544
- Holzel, H.: death of, VII. 209
- Holzinger, J. M.: Lake McDonald and vicinity, XVII. 452 †; Points of the compass, and seasons, in teaching geography, XVII. 455 †
- Homanen, Die Heimath der: Schwerdtfeger, XII. 439 †
- Homards, Au pays des: M. de Bassilan, XI. 87 †
- Home, A. L.: Forest administration in Assam, XII. 431 †; XIII. 558 †
- Homen, T.: Bodentemperatur in Australia, X. 548 †; Jordtemperaturbestämningar, XVI. 493 †; Skogarnas inflytande på Finlands Klimat, XIX. 651 †
- Homes, F.: Photographs of Cook Memorial in Tahiti, XX. 570
- Homolka, J.: Biography of Emerich von Péchy, XIV. 235 †
- Honan, Coal mines in, XVI. 346
- Honda, S.: Besteigung des Mount Morrison . . . Formosa, XI. 68, 195 †
- Honde, Tributary of Pungwe, II. 506
- Hondius' chart of Spitzbergen, XV. 128
- Honduras—**
- Beiträge zur physischen Geographie: K. Sapper, XX. 469 †
- Bureau of American Republics, Bulletin, VII. 681 †
- Honduras: E. W. Perry, II. 281 †
- Reise in: K. Sapper, XII. 416 §; XIII. 95 †
- République de: H. Jalhay, XIII. 458 †
- Trade Rep., XVI. 585 †
- Honduras, Br.: W. L. Avery, XVII. 213 †
- Addresses of welcome to Sir A. Moloney, X. 230 †
- Boundary with Mexico, X. 541
- Expedition durch die Cockscorn Mountains: K. Sapper, VIII. 420 †
- Expedition in interior: J. Fenwick, XX. 342
- Handbook for, 1892-93: L. W. Bristowe, I. 87 †
- Marine Surveys, IX. 656
- Outlines of its geography: R. T. Knollys, I. 378 †
- Reports, III. 518 §; XV. 300 †; XVIII. 113 †
- Hongkong—**
- Convention between U.K. and China, XIII. 454 †
- Extension of British territory, XII. 313
- Photographs: H. C. Hurley, XIX. 540
- Plan of Victoria City, XI. 210 †; XIX. 786 †

HONGKONG

Hongkong—*continued.*

- Report on operations in New Territory, XIX. 652 †
 Reports (Colonial), XV. 191 †; XVII. 673 †
 Honoré, M.: Le Transsaharien, etc., XVIII. 233 †
 Hunter, Johannes; biography, XIII. 461 †, 570 †
 Hontoir, E.: Par les routes nouvelles à l'Ouest de la Bosnie, XIII. 451 †
 Hood, W. H.: Currents in Red Sea, VII. 221 †
 Hood, Mt.—Der Mt. Hood im Cascaden-Gebirge: J. Röhl, IX. 579 †
 Hooker, Sir J.: Biography of Baron F. von Mueller, XII. 441 †; Journal of Right Hon. Sir J. Banks, IX. 117 †, 330 §; obituary of Dr. D. Lyall, V. 602; remarks at Antarctic conference, X. 380; at Royal Society's Antarctic meeting, XI. 420; on Antarctic expedition, XIII. 14; XIV. 195; on Nansen's Arctic expedition, I. 31; on "North Polar problem," IX. 515; on "Renewal of Antarctic exploration," III. 27; on "Topography of S. Victoria Land," XVII. 492
 ——— and B. D. Jackson: Index Kewensis, XI. 104 †
 ———, R. H.: Prices of wheat and maize in America, XVII. 556 †
 Hooker, Mt., Canada, V. 59; XIII. 345, 354
 ——— Glacier, New Zealand, I. 35, 37, 39
 Hoops, J.: Reste der Germanen am Schwarzen Meere, IX. 233 †
 Hooze, J. A.: Kolenterreinen van den Nederlandsch Indischen Archipel, III. 159 †
 Hopar glacier, I. 132; II. 296; advance of, X. 107
 Hope, W. H. St. John: Walls of Southampton, XVI. 121 †
 ——— and G. E. Fox: Excavations . . . at Silchester, XVIII. 228 †
 Hope Is., Spitsbergen, XIV. 59, 60
 ——— or Hurd's I., Pacific, VI. 334
 Hopfensee, depth, etc., VII. 199
 Hopkins, B. J.: Astronomy for everyday readers, I. 471 †
 ———, W.: on radial stream system of Lakeland, VII. 603
 Hopkinson, J.: Rainfall in British Empire, XII. 331 †
 Hör, Mt., Souvenir of, etc.: J. Ehni, IV. 376 †
 Hora, plain of, Br. C. Africa, X. 148; position and height, X. 171
 Hora, Hadramut, III. 204
 ——— Korre and Hora Shale lakes, XX. 382
 Horak, B.: Botanische Reise nach Montenegro, XIV. 112 †
 Horcones valley and river, X. 469; XII. 472

HOSIE

Horizon—

- Instructions . . . sur l'horizon gyroscopique: A. Schwerer, IX. 581 †
 Sulla definizione scientifica dell' orizzonte: G. Saija, X. 124 †
 Variations de l'horizon apparent: F. A. Forel, XIV. 687 †
 Hormuz: *see* Ormuz
 ———, village, Persia, VII. 25
 Hormuzaki, C. von: Aus dem Gebirge der Bukowina, XIII. 554 †, 529 §
 Horn, Baum. von: Form und Ursprung der Gezeitenwellen, IX. 245 †
 ———, E.: Negerepublik Liberia, II. 186 †
 Horn, W. A.: Expedition to C. Australia, IV. 67; X. 51; Account of scientific expedition to C. Australia: H. Greffrath, IX. 109 †; Journal, etc., of: C. Winnecke, IX. 580 †; Plan showing route of, VIII. 95; Report on: B. Spencer, VIII. 421 †; IX. 109 †; Scientific exploration of C. Australia, VII. 446 †
 Horn, Cape—Doubling Cape Horn: W. Allingham, IX. 241 †; Gold diggings of: J. R. Spears, VII. 335 †
 ——— Island Goldfield, Queensland: Report: W. H. Rands, XI. 456 †
 Horne, J.: Obituary notice of Hugh Miller, XI. 575 †; *see* Peach, B. N.
 ———, J. F.: Buried cities of Vesuvius, XI. 689 †
 ———, J. T.: Scheme for triangulation of S. Africa, VII. 414
 Hornstein, C. A.: Visit to Kerak and Petra, XII. 209 †
 Hornstrandir, Iceland, XIII. 259
 Horcones: *see* Horcones
 Horowhenua Commission, The: Sir W. Buller, IX. 243 †
 Horsefly river, Br. Columbia, Gold discoveries on, XX. 358 †
 Horsey, A. de: Africa Pilot, Part III., XI. 570 †
 Horsford, C.: Dwellings of Saga-time in Iceland, Greenland, and Vineland, XI. 574 †; Vinland and its ruins, XV. 668 †
 Horsley, V.: Roman defences of S.E. Britain, XVII. 547 †
 Horst, D. W.: Nieuws van de Jakatirivier, X. 341 †, 444 §; Reis naar de Banggaien Soela-eilanden, XVII. 674 †
 Horváth, Z.: Plinius ismeretei a szittyák hazájáról és Európa éjszaki részeiről, XVII. 672 †
 Hose, C.: In the heart of Borneo, XVI. 39 *, 578 †; Up Baram river to Mt. Dulit, I. 193 *; Natives of Borneo, III. 159 †
 Hüsel, L.: Die . . . Schrägdachhütten Mittelafrikas, V. 282 †; Ueber das Befestigungswesen in Afrika, I. 376 †, II. 67 §
 Hosie, A.: Journey along Yangtse, XII. 229; Manchuria, its people, etc., XVIII. 105 †, 166 §; Resources and

HOSKINS

- trade of Formosa, II. 441 *; Trade of Newehang in 1894, VI. 383; Three years in W. China, X. 549 †; Trade of Wuchow, XIV. 457 †
- Hoskins, Sir A.: remarks on annual address, XII. 88; Sir C. R. Markham's remarks on death of, XVIII. 561; obituary, XVIII. 222
- Hoskold, H. D.: Geography of Argentine Republic, IX. 464 †; Mapa de la Republica Argentina, VI. 494 †
- Hoskyn, R.: Irish Coast Pilot, XX. 554 †
- Hostains, E.: De la Côte d'Ivoire au Soudan, etc., XVI. 368 †; Journey up Cavalli, XII. 612
- and M. D'Ollone: Expedition from Ivory Coast to Soudan, XIV. 320; XV. 534; XVI. 348; La Mission Hostains-d'Ollone, XVI. 700 †; XVII. 449 †
- Hoste, C. D.: Explorations west of Loangwa river, XI. 624 *; Hostes Camp, Muchinga mts., XVII. 42
- Hottah Lake, N. Canada, XVIII. 257
- Hottentots, migrations of, VI. 468
- Hotz, A.: On Persian trade routes, XIV. 91; Perzie, XV. 295 †; Photographs of Persia, Turkey, and Caucasus, IV. 192 †
- , R.: Basels Lage, etc., IV. 375 †
- Houbron, G.: La foire de la Braderie à Lille, XVII. 544 †; Zigzags étymologiques à travers la Flandre, XVII. 206 †
- Houdaille, Comm.: Port et chemin de fer de la Côte d'Ivoire, XVI. 580 †; railway surveys on Ivory Coast, XIV. 211
- : see Crova
- Houette et Morache: Mission magnétique en Islande et en Scandinavie, IX. 458 †
- Hough, G. S.: Rotation of elastic spheroid, VII. 683 †
- Hougouenq: see Lortet
- Hour and hour-zones, XI. 677; Conférence sur l'heure décimale: H. de Sarrauton, X. 459 †; Division décimale de l'heure: G. Moch, VIII. 423 †; Heure décimale: G. Floquet et H. de Sarrauton, VII. 447 †; Do. et la division de la circonférence: H. de Sarrauton, VIII. 423 †; Unification de l'heure et division décimale du temps: G. Floquet, V. 405 †
- Hourst, M.: Journeys on Niger, VIII. 72, 638; IX. 220, 444; on Yangtse Kiang, XIX. 214; Carte provisoire du cours du Niger, IX. 691 †; Descente du Niger, IX. 463 †; Cours du Niger de Tombouctou à Boussa (map), XV. 202 †; Du Sénégal au Dahomey, XI. 95 †; Mission hydrographique du Niger, IX. 340 †; Personal narrative of exploration of Niger, XIII. 455 †; Projected balloon voyage across Sahara, XII. 317; Réception-Conférence de Hourst, XI. 95 †; Réception de la Mission Hourst, IX. 577 †; Sur le Niger, XI. 95 †; Sur le Niger et au pays des Touaregs, XII. 99 †, 305 §

HOWORTH

- Hourst, M., et Bluzet: Carte de la région de Tombouctou, VI. 494 †
- Hourtin et Lacanau, Eaux de: M. Saint-Jours, XIX. 392 †; Topographie ancienne des étangs de: Dutrait, VIII. 514, 527 †
- Houssay, F.: Structure du sol et son influence sur la vie des habitants, III. 531 †
- Houthboschberg Goldfield, output, II. 229
- Houtum-Schindler, Sir A.: Eastern Persian Irak, IX. 339 †; letter on Sir John Maundeville, XIII. 668; Marco Polo's Camadi, XI. 452 †
- Houzeau: Pourquoi les cadrans de nos horloges sont-ils divisés en douze, IX. 581 †
- Hova race, VI. 248; VIII. 71
- Hovelacque, A., et G. Hervé: Recherches ethnologiques sur le Morvan, VI. 96 †
- Hovell, W. H., and H. Hume: Journal of discovery to Port Philip, N.S. Wales, IV. 580 †
- Hovey, E. O.: on Eruptions in Martinique and St. Vincent, XX. 638
- Howard, B. D.: Life with Trans-Siberian savages, II. 379 †; Prisons in Vladivostok and Sakhalin, XII. 207 †
- Howard, E.: Photos of Morocco, IV. 288
- Howarth, O. H.: Cordillera of Mexico, XVI. 371 †; letter on Popocatepetl, IX. 331; Popocatepetl and volcanoes of valley of Mexico, VIII. 137 *; Sierra Madre of Mexico, XII. 614 §; on W. Oaxaca, XIV. 669; Western Sierra Madre, VI. 422 *
- , y E. A. Turnbull: El Popocatepetl y los volcanes de Mexico, XIII. 457 †
- Howaya, Sahara, XI. 594
- Howchin, W.: Extinct glacial action in Southern Yorke's penins., XVII. 214 †; Glacial beds of Cambrian age in S. Australia, XIX. 237 †; Salt lagoons of S. Yorke Penins., XIX. 238 †; Volcanoes of Mts. Gambier and Schank, XIX. 238 †
- Howell, F. W.: Iceland, the wonderland of Europe, XIV. 111 †; journey across Långjökull, XIV. 441; obituary, XVIII. 319
- , H. H.: biography, XIV. 588 †
- , P.: Statistics of Australasian railways, XIII. 683 †
- Howera, Wadi, Hadramut, III. 200
- Howgill fells, VII. 606
- Howley, M.: Vinland vindicated, XV. 553 †
- Howorth, D. F.: Changes in political map of Europe, etc., XV. 188 †
- , Sir H. H.: Earliest traces of man, XIX. 239 †; Northern frontagers of China, XIII. 89 †; remarks on "Across Iceland," III. 280; on "Circumnavigation of Lake Bangweolo," XII. 260; on "Do glaciers excavate?" I. 502; on

HOWTH

- "Evolution of Indian geography," III. 194; on "Exploration of . . . Spitsbergen," XII. 158; on "Fourth journey in Persia," XIX. 172; on "Four years' travel in C. Asia," XI. 412; on "Journey across Tibet," VII. 481; "Journey in Mongolia and Tibet," III. 385; on "Geographical conditions . . . in Asia Mi.," XX. 279; on "Kurdistan," III. 93; Scandinavian Ice-sheet, etc., XIII. 676 †
- Howth, Hepaticæ of Hill of: D. McArdle, IX. 459 †
- Hoyos, Count: Meine und Graf Richard Coudenhove's Reise nach dem Somalilande, IV. 363 §, 377 †
- Hözel, E.: Spezialkarten in unseren Schutatlanten, VII. 684 †
- Hranilović, H. von: Der Švicasee in Kroatien, XVII. 206 †
- Hrnnun river, Sumatra, VII. 77
- Hsiang Tan tribe, XV. 502
- Hsin Cheng or Petura, Manchuria, II. 449
- Men Tan, Manchuria, II. 450
- Hsi-ning, III. 466
- Hu Lan, Manchuria, II. 449
- Huai river, XII. 238
- Hualas mts., Patagonia, XVI. 188
- Huallaga river, Amazons, XVII. 378
- Huánuco, Monografía de la provincia de, XI. 100 †
- Hubbard, G. D.: Fiords, XIX. 532 †; Meteorological conditions of S. Polar regions, XVIII. 458 †; Russia in Europe, VII. 439 †
- , Hon. G. G.: Africa since 1888, VIII. 310 †; Biography, XI. 460 †, 574 †; Discoveries of America, II. 187 †; Effects of geographic environment, X. 554 †; Geographic progress of civilization, III. 352 †; obituary, XI. 186
- and M. Baker: Geographical research in U.S., XI. 97 †
- , J. M.: Problems in China, XVI. 575 †; Singan; present capital of Chinese Empire, XVII. 548 †
- Hubbard Bay, Greenland, Three weeks in: R. Stein, XI. 457 †
- Hübbe, S. G.: expedition to W. Australia, X. 216; S. Australia, XI. 204 †
- Hübbe-Schleiden: Indien und die Indier, XII. 431 †
- Hubener, T.: Die Inseln Mona und Monito, XIII. 566 †
- Huber, J.: Arboretum Amazonicum, XX. 560 †; Aperçu géographique du Bas-Amazone, XVII. 679 †; Zur Entstehungsgeschichte der brasilischen Campos, XX. 359 †
- et Kraatz-Koschlau: Entre l'Océan et le Rio Guama, XVII. 679 †
- , R.: Empire Ottoman, Division administrative, XVI. 708 †
- Hubl, Baron von: Beiträge zur Technik der Kartenerzeugung, † X. 459; XII.

HUEPPE

- 438; XIV. 232; XVIII. 458; Die photogrammetrische Höhenmessen, XIV. 344 †; Die photogrammetrische Terraineraufnahme, XVI. 587 †; Recherches at Karlseisfeld, XV. 173
- Hübner, G.: Nach dem Rio Branco, XI. 686 †; Reise in das Quellgebiet des Orinoco, XI. 101 †; Vom Amazonenstrom nach der peruanischen Westküste, V. 283 †; Zur Klimatographie von Kamerun, VIII. 311 †, 418 †
- Hubon, E.: Les chemins de fer suisses, X. 548 †
- Huc and Gabet, Péres; crossing of Yangtse Kiang by, XII. 227
- Hucal, Patagonia, II. 158
- Hudleston, W. H.: Crechbarrow in Purbeck, XX. 351 †; Notes on Indian geology, VII. 563 †; on Eastern margin of N. Atlantic basin, XIII. 686 †; XIV. 327 §; remarks on "Sub-oceanic features off coast of W. Europe," XIII. 289
- Hudson, A. E. L.: Geography of Wales, XIX. 651 †
- , G. V.: On seasonal time, XV. 672 †
- , W. H.: Idle days in Patagonia, I. 569 †
- Hudson Bay—
- An Old Log: F. H. Miller, I. 280 †
- Canadian expedition, XI. 435; Canadianische Expedition zur Hudsonbai: R. Bach, XII. 212 †; Report: W. Wakeham, XII. 212 †
- Exploration between Lake St. John and James Bay: H. O'Sullivan, XIX. 91 §, 234 †
- Forgotten Northern Fortresses, A.: Hon. J. Schultz, IV. 378 †
- Hudson Bay and Pacific Route: L. Taylor, III. 79 †
- Recent exploration: R. Bell, X. 1*, 553 †
- Rising of land around: R. Bell, XIV. 229 †; Is the land . . . rising?: J. B. Tyrrell, VIII. 532 †; Proof of rising of land around: R. Bell, VII. 564 †
- Tyrrell's work to W. of, V. 269
- Hudson river and valley, XIII. 516
- Strait, Seasons in: F. F. Payne, IX. 107 †; tides, XVIII. 39
- Hudson's Bay Company's posts, V. 513; Territory, state of, in 1837, IX. 591; The Great Company (1667–1871): B. Willson, XV. 441 †; Twenty years in Sub-Arctic Territory of: R. Campbell, XVIII. 333 †
- Hudson's voyage to Spitzbergen in 1607: Sir W. M. Conway, XV. 121 *
- Hue, II. 204; Road from, to Hanoi, II. 102, 108
- Huene, F. von: Orographische Studie am Knie des Rheines, XVIII. 104 †, 210 §
- Hueppe, F.: . . . Anpassungsmöglichkeit

HUET

- der Europäer in den Tropen, XVIII. 240 †
- Huet, C.: Occupation du territoire des Antaimorona, XIX. 657 †
- Hügel, Baron A. von: Land of the Bataks, VII. 75 *, 175 *, 563 †
- Hughes, H. M.: Photographs of Bahr-el-Ghazal region, XX. 570
- , T. McK.: Ingleborough; Part I. Physical geography, XIX. 105 †, 501 §; On Lake Gokeha, XI. 666; Volcanic phenomena in Armenia, XI. 450 †
- , T.: William Cotton Oswell, V. 186 †
- , W., and J. F. Williams: Geography of British colonies, etc., I. 380 †; Introduction to study of geography, etc., II. 93 †
- Hughson, S. C.: Carolina pirates and colonial commerce, 1670–1740, IV. 283 †
- Hugli river, XVI. 240
- Huguet, J.: Dans le sud-algérien, XV. 193 †
- und Pettier: El Golea . . . in der algerischen Sahara, XV. 193 †
- Hugues, L.: Le Esplorazione Polari nel secolo XIX. . . . XVII. 562 †
- Huichol Indians of Mexico: C. Lumholtz, XI. 455 †; Symbolism of: Id., XVI. 582 †
- Huila, Nevado del, Colombia, XVII. 345
- Huitfeldt-Kaas, H.: Perideneen in Norwegischen Binnenseen, XVIII. 547 †
- Hukong river and valley, VII. 93; villages, II. 152
- Hulbert, H. B.: Korea's geographical significance, XVII. 320 †
- Hull, E.: Another possible cause of glacial epoch, XV. 89 †; Geology of Nile Valley, etc., VIII. 93 †, 418 †; How waters of the ocean become salt, IV. 581 †; Our coal reserves, XVII. 547 †; Physical conditions of Mediterranean basin, etc., VII. 108 †; XIV. 455 †; Physical history of Norwegian fjords, XIX. 394 †; remarks on "Formation of sand-dunes," IX. 303; Structure . . . de l'Arabie Pétrée et de la Palestine, V. 87 †; Submerged terraces and river valleys bordering British Isles, XIII. 212 †; Sub-oceanic features off coast of W. Europe, XIII. 285 *; XIV. 333 †, 465 †; Sub-oceanic river valleys of W. Africa, XVII. 555 †; Do., off coast of W. Europe, XV. 88 †; Where is Mt. Sinai? XIV. 458 †
- , T. A.: Practical Nautical Surveying, etc., XIII. 685 †; remarks on "Pre-Columban Discovery of America," V. 235
- Hull, early port of, X. 525; Plan of, from Ordnance Survey: J. Bartholomew, IX. 350 †
- Hulot, Baron: D'Entrecasteaux, 1737–1793, V. 400 †; Explorations en Asie en 1897, XII. 429 †; Mission française

HUNGARY

- dans le N. du Costa Rica, XVIII. 644 †; Progrès de la géographie, XIV. 237 †; XVI. 260 †; Travaux de la Société de Géographie, etc., XII. 106 †
- Hult, R.: Finlands lundryggar, XIV. 331 †; Pflanzenregionen des finnlandischen Lappmarken, XIV. 331 †; Vedvaxternas utbredning i Finland, VIII. 413 †
- Hultkrantz, J.: Sydamerikas fysiska antropologi, XII. 215 †
- Hultzsch, E.: Inscriptions from Tamil Country, XVI. 487 †
- Human Race: *see* Anthropology
- Humber river, V. 143; Source of Warp in: W. H. Wheeler, XX. 241 †
- Humbert: Un Gibraltar ignoré, XVIII. 113 †
- Humboldt, Alexander von: E. Lentz, XV. 447 †; Geographical work, VI. 370; Reise nach Amerika, XIV. 689 †; travels, XV. 423; *see* Halley, E.
- Humboldt Bay, New Guinea: H. M. D'Estrey, IV. 284 †
- glacier, Greenland, XII. 563
- Medal of Berlin Geographical Society, I. 557
- mts., C. Asia, II. 459; III. 462; VIII. 167
- Hume, A. S.: Sir Walter Raleigh, X. 655 †
- , D. E.: Republic of Chili, XX. 469 †
- , W. F.: Rift-valleys and geology of E. Sinai, XX. 467 †; Rift valleys of E. Sinai, XVIII. 211 §, 328 †; *see* Barron, T.
- Humid or Eastern subregion of geography of mammals, IX. 73
- Humidity, relative: Täglichen Periode und Veränderlichkeit der relativen Feuchtigkeit: E. Mazelle, XVIII. 341 †
- Humusbildungen, zersetzung der organischen Stoffe und: E. Wolny, IX. 113 †
- Hunan province, China, XIX. 714, 716, 725; coal, XII. 501; coal and tea trade, XIX. 729; timber, manufactures, and architecture, XIX. 730; M. O'Sullivan's journey through, XIII. 67; Recent journey . . . through: A. M. S. Wingate, XIV. 639 *
- river, XII. 235
- Hun-Chun, Manchuria, IV. 535
- Hungary**—
- Activité de la Société hongroise de Géographie: B. Erödi, IX. 688 †
- Altesten Namensvariationen des Flusses Keras: G. Téglás, XVIII. 102 †
- Bohémiens en Hongrie: A. György, VIII. 648 †
- Boundaries of: I. Hanusz (in Hungarian), XVIII. 102 †
- Clouds—Bewölkung in den Ländern der ungarischen Krone: J. Hegyföky, XVII. 85 †

HUNGARY

Hungary—continued.

- Despre Romanii din Ungaria: P. Vancu, IX. 233 †
- Distribution of industries in Hungary: I. Hanusz (in Hungarian), XVIII. 102 †
- Entstehung des ungarischen Tieflandes: G. Czirbusz, XX. 99 *, 120 †
- Eredetiségek hazánk Klimájában (special climatic features): Hanusz, XX. 120 †
- Ergebnisse der Volkszählung in Ungarn: J. Dienel, XVIII. 632 †
- Erstarkung unserer nation in Alföld: S. Hanusz, XVIII. 103 †
- Ethnography of S.E.; J. Janko on, IV. 59
- Evaporation in Hungarian plain, V. 483
- Geographical bibliography: R. Havass, III. 69 †
- Geographical features of: L. Bartek (in Hungarian), XX. 120 †
- Geschichte der Stromregulierung im oberen Csaloköz: K. Szántó, XVIII. 102 †
- Girl's wanderings in: H. E. Browning, VIII. 658 †
- Herkunft der Magyarischen Fischerei: F. Birkner, XVII. 83 †
- Hongrie pittoresque et économique: V. Groffier, IX. 336 †
- Horvat Történelmi Repertorium . . . : M. Ede, XVII. 85 †
- Huzuls: R. F. Kaindl, I. 373 †
- Landwirtschaftliche Production der Länder der ungarischen Krone, XIII. 452 †
- Luftströmungen über der ungarischen Tiefebene: J. Hegyföky, XIII. 98 †
- Magyars—Count E. Zichy's investigations of original habitation, XI. 666; Ursprung der Magyaren: H. von Vambéry, X. 450 †; *see* Population, *below*
- Maps—Carte postale et télégraphique . . . de Hongrie, XII. 644 †; XX. 566 †; General-Karte der Länder der ungarischen Krone: L. Toldi, XII. 443 †; Geologische Karte von Ungarn, IX. 470; Ungarische Kartographie: A. Márki, IX. 676 †; Verbreitung der Deutschen in: P. Langhans, IX. 247 †
- Maros and Tiszá, oldest accounts of: G. Téglás (in Hungarian), XVIII. 102 †
- Millennium of Hungary and its people: J. de Jekelfalussy, IX. 232 †, 457 †
- Miraculous wells of: I. Hanusz, V. 505 †
- Monumenta Hungariæ Juridico-Historica, VIII. 521 †; XI. 446 †
- Notes sur les cavernes de Hongrie: C. Siegmeth, XIV. 223 †
- Photographs, XIV. 470
- Place-names in Hungary: A. Etelvari

HUNT

Hungary—continued.

- (in Hungarian), XX. 120 †; Do., derived from fishing industry, O. Herman on, II. 167
- Plaine hongroise; Alföld et Pusztá: L. de Laeger, XIX. 522 †
- Population—Bevölkerung Ungarns, X. 547 †; Bevölkerungsverhältnisse der ungarischen Städte: G. Thirring, XIV. 223 †; Deutschen in den Ländern der Ungarischen Krone: P. Langhans, IX. 232 †, 247 †, 319 §; Slovakische Volk in Oberungarn: A. Pechány, XX. 120 †; Slovakisierung des Ungarischen Oberlandes: R. Havass, XVIII. 102 †; *see* Magyars, *above*
- Problème austro-hongrois et sa portée européenne: W. Beaumont, XVII. 206 †
- Pusztienflora des ungarischen Tieflandes: F. Woenig, XIII. 556 †
- Railways, XV. 531
- Roads from Hungary to the Adriatic: A. Fest, VII. 561 †
- Roman route along lower Danube: G. Téglás (in Hungarian), XVIII. 102 †
- Stehenden Wasser unseres Landes: S. Hanusz, VIII. 648 †; IX. 232 †
- Ungarischen Städte als Centren der nationalen Bildung: L. Bartek, XVIII. 103 †
- Ungarischen . . . Kochsalzseen als Wärmeaccumulatoren: A. von Kalecsinsky, XIX. 522 †
- Ungarn ein Goldland: S. Hanusz, I. 373 †
- Ungarns Mühlenindustrie, X. 450 †
- Vallée du Murány et . . . du Garam: Prince P. de Saxe-Coburg-Gotha, XX. 120 †
- Wasserstand der Flüsse und Niederschlag in Ungarn: J. Hegyföky, XII. 624 †
- Huni, A.: Flottes de Commerce et le traffic maritime, XIV. 234 †; Population de certaines villes d'Europe, XI. 680 †
- Hu-ni tribe, Yunnan, VIII. 569
- Hun-Kiang Gorges, Through the: R. T. Turley, XIV. 292 *
- Hunsrucks, Zur Kenntniss des: F. Meyer, XII. 92 †
- Hunt, A. E.: Ethnographical notes on Murray Is., XIII. 458 †
- , A. R.: Age of the earth and sodium of the sea, XVIII. 239 †
- , F. L.: Britain's one Utopia, XX. 468 †
- , H. A.: Types of Australian weather, IX. 109 †; X. 123 †
- , H. W.: Madagascar, XVII. 323 †
- , R. D.: California's first constitution, VI. 393 †
- , W. C.: Census reports (U.S.A.) population, Part I. . . XX. 247 †

HUNTER

- Hunter, H.: Gold in Br. Guiana, II. 280 +
 —, Sir R.: Movements for inclosure of open lands, X. 454 +; Reconstruction of Hainault forest, XX. 553 +
 —, W.: London's water supply, XIV. 113 +
 —, Sir W. W., and his work: J. A. R. Marriott, XVI. 259 +; History of Br. India, XIII. 558 +; XVI. 696 +; Life of B. H. Hodgson, IX. 468 +, 535 §; obituary, XV. 289; Progress of India under the Crown, I. 375 +
 Huntingdonshire—
 Catalogue of books collected by H. E. Norris, VIII. 529 +
 Murray's Handbook, VIII. 414 +
 Huntington, E.: Through the great Cañon of Euphrates, XX. 175 *
 —, E. and G. H., G. P. Knapp, P. Ward: Photographs of gorges of Euphrates, etc., XIX. 788
 Hunza and Nagyr Handbook: G. W. Leitner, III. 437 +; State and people, V. 412; valley of, II. 293
 — peak, Karakoram, II. 294, 297
 — river; gorge, XX. 579; valley, VIII. 20
 Huon-Golf, etc.: H. Rüdiger, X. 458 +
 Huonder, P. A.: Die Völkergruppierung im Gran Chaco im 18 Jahrhundert, XX. 561 +
 Huot: Mission Chari-Sangha, XVIII. 109 +
 — and Bernard: explorations of S. Shari Basin, XVII. 305
 Hupfeld, F.: Erschliessung des Kaburelandes in Nordtogo, XVI. 251 +; Verkehrsverhältnisse in Togo, XV. 419 §, 551 +
 Hupfer: On vertical distribution of snow, plants, etc., on Etna, VIII. 519
 Hurd, A. S.: All-British cable system, XIII. 462 +; Coal trade and the Empire, XII. 639 +
 —, P. A.: Our telegraphic isolation, VIII. 196 +
 Hurds I.: *see* Hope I.
 Hurley, H. C.: Photographs of Hong Kong, XIX. 540
 Huron lake: *see* Great Lakes
 Hurst, T. W.: Isthmus of Panama, Nicaragua, canal routes, etc., XIII. 682 +; Nicaragua Canal, VI. 198 +
 Husain Khan Sahib: Travels of Ibn Batuta, XIII. 689 +
 Husen-Nun, Persia, VII. 163
 Hushe Loomba, Kashmir, XV. 657
 Husmann, E.: Die Reiskultur in Italien, VII. 108 +
 Huss, G.: Något om äldre Kamerala handlingars betydelse för geografisk forskning, XX. 121 +
 Hutchin, J.: Rarotonga of to-day, XI. 204 +
 Hutchings, J. M.: Souvenirs of California, V. 90 +

HYDROGRAPHY

- Hutchins, D. E.: Cape National Forests, XVI. 367 +
 Hutchinson, F.: New South Wales, IX. 242 +
 —, H. D.: Campaign in Tirah, XII. 629 +
 —, H. N., J. W. Gregory and R. Lydekker: Living races of mankind, XIX. 533 +
 —, L.: A neglected region of the Sierra, XIV. 120 +
 Huth, G.: biography, XV. 91 +; Die Tungusen, XIII. 559 +; Geschichte des Buddhismus in der Mongolei, VIII. 92 +
 Hutter, F.: Abschluss von Blutsfreundschaft . . . in Nordkamerun, XIII. 563 +; Der Westafrikanische Bantuneger, XIX. 658 +; Graslandstämme Nordkameruns, XV. 297 +; Wanderungen . . . im Nordhinterland von Kamerun, XX. 125 +
 Huttner, J. C.: Biography: P. Gedan, XII. 331 +
 Hutton, F. W.: On ancient glaciers of New Zealand, I. 359; Lesson of evolution, XX. 363 +; Moas of New Zealand, III. 75 +
 Huxley, Mrs.: Gold-diggings at Bathurst, XIV. 342 +
 —, Prof.: on Geographical distribution of animals, III. 99
 Huygens, C., Lettres de, à Descartes: C. et H. Adam, VII. 222 +
 Huysmans: Une exploration dans le Sultanat de Sambas, XVIII. 107 +
 Huzuls-Ethnologue . . . der Huzulen: R. F. Kaindl, VII. 439 +
 Hyeravellir, Iceland, VI. 382
 Hvidten Land, IX. 483 *
 Hvitá river, Iceland, III. 271; XIII. 486, 497
 Hwang-ho, III. 466; XII. 507; Little-dale's map of, III. 475 §; Navigabilité du fleuve jaune: C. E. Bonin, XVII. 527, 673 +; Lakes of Upper, XIX. 585
 Hwen Thsang, journey to India, VIII. 244
 Hyades, P., and J. Deniker: Mission scientifique de Cap Horn, I. 184 +
 Hyam, J. C.: Illustrated guide to Algiers, XVI. 249 +
 Hyatt, A.: Biography of Jules Marcou, XV. 91 +
 —, S. P.: Account of Ndanga district of Mashonaland, XIX. 635
 Hyde, J.: Geographical concentration; Feature of American agriculture, III. 73 +; The Low Peak, XIII. 319 +
 Hyderabad, New Era in: J. Rock, X. 120 +
 Hydrography, Hydrology (*see also* Oceanography, Rivers, etc.)—
 Hydrographic department: W. B. Lord, IX. 687 +

HYDROGRAPHY

Hydrography—*continued*.

- Hydrographic survey work during 1896, IX. 655
- Hydrographical surveying: Sir W. T. L. Wharton, XIII. 568 †
- Hydrographischen Beobachtungen im Eismeere, X. 342 *
- und meteorologischen Phänomenen: O. Pettersson, IX. 112 †
- Hydrography, Division of, Report: F. H. Newell, VIII. 653 †
- of fresh water: M. Dubois on, III. 427
- Hydrology of running water, X. 619
- Hydrometer, Improved form of: H. O'Toole, XIV. 233 †
- Idrografia e la Navigazione, Documenti e Notizie, XIX. 406
- Réseaux hydrographiques souterraines dans les régions calcaires: M. Fournier, XIX. 781 †
- Zur Methodik der hydrographischen Forschung: O. Pettersson, XIII. 98 †
- Hyères, Shore formation near: A. Salagnac on, III. 428
- Hygino, J.: Relatorios e cartas de G. M. de Jonge, IX. 468 †
- Hygrometry—De la manière d'utiliser les observations hygrométriques: A. Lancaster, XIV. 465 †
- Hypothesis and topography, VIII. 75; Origin of hypothesis: G. K. Gilbert, VII. 684 †
- Hypometer als Luftdruckmesser: H. Mohn, XIV. 464 †; XV. 444 †

I

- Iba, settled population of Tibet, XIX. 590
- I Bang tea-district, XIV. 380; XV. 486
- Ibarreta, Enrique de: J. Greger, XVII. 565 †; Massacre of expedition in Gran Chaco, XIV. 214 †; Search expedition, XV. 554 †
- Iberian Peninsula (*see also* Europe, Southern, Portugal, and Spain)—
- Archæological mission to: A. Boutroue, II. 561 †
- Bibliographie des voyages en Espagne et en Portugal: R. Foulché-Delbosc, IX. 234 †, 441 §
- Descripción de Iberia: Estrabón, tr. A. Blázquez, XVIII. 104 †
- Estudio estratégico de la Peninsula Ibérica: E. Jiménez, XII. 94 †
- Etude de géographie humaine: J. Brunhes, XX. 675 †
- Geographical names in: A. K. Fabricius on, II. 364
- Geography and social conditions of: T. Fischer, I. 347 *
- Handbook for travellers: K. Baedeker, XII. 94 †
- Iberian Penins.: A. Penck, IV. 375 †

ICE

Iberian Peninsula—*continued*.

- Kolonialpolitik Portugals und Spaniens: A. Zimmermann, XII. 105 †
- Mission de la Société d'Océanographie en Espagne et en Portugal: G. Desbats, XIX. 767 †
- Orographie der Iberischen Halbinsel: T. Fischer, V. 179 †
- Regiones botánicas de la pen. iberica: B. Lazaro e Ibiza, VII. 677 †
- Storia delle provincie occidentali dell'impero Romano: F. P. Garofalo, XVI. 361 †
- Ibis glacier, Novaya Zemlya, XI. 355, 359
- Ibn Batûta—account of Rais, VI. 172; Travels of: M. Muhammad Husain, XIII. 689 †; Translation of, into Urdu, XIV. 672
- Haukal: account of Makran, VII. 395; of Siráf, VI. 171
- Jakûb Ibrâhîm: Reisebericht über die Slawenlande: F. Westberg, XV. 187
- Moujavir on Kais I, II. 646
- Ibrahim lake, C. Africa, XII. 521; XIV. 132; Macdonald's journey to, XI. 548; *see* Kioja
- Iça or Putumayo river, Amazons, XVII. 368
- Ice (*see also* Glaciers)—
- Ancient ice of N. American coast, IX. 506, 511, 522; Temperature and specific gravity, XV. 37, 40
- Antarctic, VII. 510; XIII. 644; *see below*
- Arctic, III. 14; XI. 333, 338, 370; XIII. 138; condition in 1899, XV. 539; buried masses on coast, V. 375; Bering Sea, J. Page on, XVI. 110; Greenland, V. 598; XI. 225, 232; Ice Cap, XI. 214; *see below*
- Density . . . cubical expansion of ice; J. H. Vincent, XIX. 780 †
- Drift ice—Eisriften (Treibeis) in südlichen Breiten, etc., XII. 438 †; L. E. Dinklage, X. 342 †; XIV. 586 †; XX. 106 §, 129 †; Do., K. Fricker, XIX. 404 †; in north polar basin, IX. 480, 491; observations on, XIV. 544; Om drifisen i norra Atlanten: O. Pettersson, XVII. 154 †; Studies among drift-ice of Polar seas: A. E. Nordenskiöld, XI. 492
- Effect of ice-melting on oceanic circulation, XIV. 587 †
- Experiments in Ice Motion: E. C. Case, VII. 338 †
- Fossilien Eislager und ihre Beziehungen zu den Mammothleichen: Baron E. von Toll, VI. 295 †
- Growth, etc., of ice: P. Vedel, VII. 224 †
- Ice age: *see* Glacial Age, Glaciers
- Icebergs (*see also* Drift-ice, *above*)—
- Antarctic, V. 584, 586; VII. 627; XI. 417; XVIII. 373; at Chatham

ICE

Ice—continued.

- Is. in 1892, II. 371; Icebergs tabulaires des régions antarctiques: H. Arctowski, XVII. 680 †; in Southern Ocean: H. C. Russell, XI. 687 †; XII. 421 §, 527; in S. Indian Ocean, IX. 97
- Ice-caves—Formation and cause of: E. S. Balch, IX. 670, 685 †; Glacières or Freezing caverns; Id., XVI. 373 †; Ice cave hunting in C. Europe: Id., X. 546 †; Ice caves and frozen wells: W. J. McGee, XVI. 532 †; Do., as Meteorological phenomena: H. H. Kimball, XIX. 407 †, 220 §; Ice-cavity at Wiener-Neustadt, IV. 571
- Ice-cliffs on Kowak river: J. C. Cantwell, IX. 241 †
- Ice-shoving in Canadian rivers, X. 10
- Ice-work, present and past: T. G. Bonney, VII. 567 †
- Isforholdene i Nordhavet: C. Ryder, VII. 447 †
- Meeris und Gletschereis: A. Hamberg, IX. 348 †
- Nappes de glace . . . dans les volcans d'Auvergne: P. Glangeaud, XVIII. 307 §, 454 †
- Polar ice, IX. 475, 527
- Subterranean deposits in America: E. S. Balch, XIII. 686 †
- Sulla conducibilità termica del ghiaccio: P. Straneo, XI. 206 †
- Travaux de déglacage dans les estuaires: M. Dibos, IV. 92 †, 369 §
- Ice-breakers, S. Makaroff on, XIV. 546; on Lake Baikal, XI. 144
- Baltic and Arctic voyages of the *Ermak*: A. Gulston, XVIII. 115 †
- Steamers for winter navigation and ice-breaking: R. Runeberg, XVI. 591 †
- The *Ermak*: S. Makaroff, XV. 32 *; XVI. 260 †
- Polar exploration by means of: S. Makaroff on, XII. 420
- Ice Fiord, Spitzbergen: V. H. Gatty, VI. 79 †; Sir W. Conway's proposed expedition to, VII. 555
- Iceland**—grass hillocks, III. 263; valleys, XIII. 273; volcanoes, XIII. 262, 500
- Arkæologiske Undersøgelser paa Island: D. Bruun, XV. 661 †; XVI. 244 †
- Currents, etc., and navigation of coast of Iceland: IX. 573 †
- Dwellings of the Saga-time in Iceland: C. Horsford, XI. 574 †
- Erdbeben auf Island am 1896: A. Gebhardt, IX. 233 †, 336 †; Erdbeben in Island in Jahre 1896: T. Thoroddsen, XVIII. 226 †
- Et to hundrede aar gammelt skrift om islandske Jökler: T. Thoroddsen, VI. 580 †
- Føreløbigs Meddelelser . . . i Island: T. Thoroddsen, IX. 233 †

ICELAND

Iceland—continued.

- Geography and geology of: T. Thoroddsen, I. 374 †
- Geology of Faxa and Reite Fjords: T. Thoroddsen, III. 157 †
- Geschichte der Isländischen Geographie: T. Thoroddsen, IX. 677; XI. 173 §; XII. 427 †, 519 §
- Gjennem affolkede Bygder paa Islands indre Højland: D. Bruun, XI. 680 †
- Glacial Palagonite-formation of Iceland: H. Pjetursson, XVI. 244 †
- Glaciation, Observations on: K. Grossmann, II. 561 †
- History of Rev. Oddo Gislason, etc.: F. A. Walker, V. 179 †
- Højland ved Langjökull paa Island: Røjseberetning: T. Thoroddsen, XIV. 454 †
- Hovedresultaterne af T. Thoroddsens Undersøgelser paa Island, XIII. 89 †
- Iceland and Icelanders: J. R. Newby, † XVII. 318; XVIII. 103, 547; XIX. 228
- Iceland to-day, IV. 280 †
- Islande, L': Père Bonaventure, XVI. 571 †; M. Foulon, VII. 676 †
- Islands Siedlungsgebiete während der landnámatið: O. Schumann, XVI. 361 †
- Islandske Fjorde og Bugter: T. Thoroddsen, XIX. 394 †, 612 §
- Islandske forhold i nutiden: T. Thoroddsen, XI. 449 †
- Islandske Vulkaner og Lavastrømme: T. Thoroddsen, IX. 233 †
- Jordskjælv i Islands sydlige Lavland: T. Thoroddsen, XI. 680 †; XVI. 362 †
- Møræner i den islandske Palagonit-formation: H. Pjetursson, XIX. 522 †
- Notes on some physical features in: C. W. Fennell, XIV. 675 †
- Notes on geography, etc., of Iceland: H. Johnston-Lavis, VI. 483 †
- Photographs: K. Grossmann and O. Cahnheim, V. 192
- Pilgrimage to Saga-steads of: W. Collingwood and J. Stefansson, XIV. 675 †
- Polar current off coast, XV. 274
- Rapport sur une mission en Islande et aux îles Féroë: R. Pilet, XI. 192 †
- Région du Myvatn en Islande: G. Eichmüller, IX. 336 †
- Sailing directions, etc.: H. D. Jenkins, X. 118 †
- Skaptár Jökull, The: T. Anderson, IX. 233 †
- Söopmaalinger under Island og Færøerne: R. Hammer, XVIII. 103 †

ICELAND

Iceland—continued.

- Statistisches aus Island: A. Gebhardt, XII. 92 +
 Studier over Islandsk Musik: A. Hammerich, XVI. 244 +
 Surtarbrandens geologiske Forhold: T. Thoroddsen, VIII. 412 +
 Trade Rep., XIV. 454 +; XVII. 444 +
 Untersuchungen in Island: T. Thoroddsen, XIII. 556 +
 Uppdrattur Islands: T. Thoroddsen, XVIII. 346 +
 Vatna Jokulls Nordrand: D. Bruun, XX. 351 +
 Voyages from Iceland to Greenland, etc.: see Flatey
 Cartography and surveying—
 Carte géologique de l'Islande par T. Thoroddsen: A. de Lapparent, XX. 239 +
 Danish surveys . . . Greenland and Iceland, IX. 96 +
 Eléments météorologiques, etc., XIV. 586 +
 Geologische Karte des südöstlichen Island: T. Thoroddsen, VII. 226 +; XII. 644 +
 Geological map: E. Thoroddsen, XIX. 411 +
 Hydrographic surveys in Iceland and Færoes: Holm and Hammer, XV. 428
 Island: T. Thoroddsen, XVIII. 245 +
 Travel—
 Across Iceland: K. Grossmann, III. 261 *
 Aus dem nördlichen Island: K. Keilhack, IX. 233 +; XIII. 89 +
 Explorations: T. Thoroddsen's, II. 154 *; IV. 453; IX. 319; X. 536; XII. 496; XIII. 251 *, 480 *; XIV. 331 +
 Fra det nordøstlige Island: T. Thoroddsen, VII. 561 +; Fra det sydøstlige Island: T. Thoroddsen, V. 505 +; X. 225 +
 Grossmann's journey in, VI. 381
 Howell, F. W.; journeys, XIV. 441
 Mission magnétique en Islande et en Scandinavie: Houette et Morache, IX. 458 +
 Rejse i Vester-Skaptafells Syssel: A. T. Thoroddsen, IV. 185 +
 Scientific expedition to: XVII. 313
 Through Iceland on a side-saddle: L.F.K. von Thiele, XVIII. 321 +
 Two summers in Iceland: O. Cahnheim, IV. 185 +
 Wonderland of Europe: F. W. Howell, XIV. 111 +
 Ichang, Trade Rep., + XIV. 457; XVI. 247; XVIII. 324
 Ichenhauser, J.: Nach Ostindien über Deutschland, XI. 576 +
 Ichuko river, C. Africa, IX. 380
 Ictie, I. (St. Michael's Mount), I. 517

ILLECILLEWAET

Icutu mts., Venezuela, XIII. 43

Idaho—

- Boundary between Idaho and Montana, XI. 669; R. U. Goode, XV. 422 §, 553 +; Survey of: R. U. Goode, XVIII. 642 +
 Climate of: S. M. Blandford, XVIII. 334 +
 Geology and water resources of Nez Percé County: I. C. Russell, XX. 359 +, 543 §
 Glaciation of C. Idaho: G. H. Stone, XV. 553 +
 Mining Districts of Idaho Basin: W. Lindgren, XIV. 340 +
 Pocket maps of (Rand, McNally & Co.), XIX. 537 +
 Iddings, J. P.: Bysmaliths, XIII. 219 +
 Ideal London: F. Harrison, XII. 627 +
 Ideographic writing of Luchuans, V. 538
 Idiaquez, E.: Linea geodésica Madera-Yavary, XIX. 659 +; Mapa de Bolivia, V. 95 +
 Idria in Krain, Die Bergstadt: J. Petkovšek, X. 117 +
 Ie-shima, V. 295
 Iferuane, Fr. W. Africa, XVII. 137
 Iglesias, A. R.; survey of Rio Santa Cruz, XIX. 94
 Ignatoff, P.: On Southern Altai mts., XI. 197 +; Exploration of Lake Telezkoie in Altai, XIX. 370
 Iguazu falls, Argentina, XVIII. 457
 Igwadane, tribe, Sahara, IX. 444
 Ihaggaren, class among Tuareg, IX. 444
 Ihering, H. von: Ceara und . . . Verbesserung seines Klimas, V. 284 +; History of Neotropical region, XVII. 563 +; Leben und Thätigkeit in Rio Grande do Sul, IV. 284 +; Palæogeographie Südamerikas, I. 281 +
 Ihiya-jima, V. 295
 Ihne, E.: Phänologische Mitteilungen, XVI. 680 §, 704 +; XX. 130 +, 364 +; Abhängigkeit des Frühlingseintritts von der geogr. Breite in Deutschland, XVII. 85 +
 Ijo tribes, W. Africa, I. 127
 Ikelemba river, Congo, XX. 494
 Ikore or Gira river, New Guinea, XII. 318
 Ikoro people, New Guinea, XVI. 285
 Ikwundo river, C. Africa, III. 332
 Ilek river, C. Asia, XI. 256, 657
 Ilg, A.: Ueber die Verkehrsentwicklung in Aethiopien, XVII. 90 +
 Ilinski and Bretschneider: Notes on Kwantung Territory in S. Manchuria, XVIII. 454 +
 Ilkta river—Gold-bearing district of Sarna and: V. A. Obrucheff, XI. 197 +
 Iltischeff, C.: Geographie von Makedonien, XV. 662 +
 Illampu mt., Andes, XVIII. 614; height of, XVII. 334
 Illecillewaet—Glacier in the Selkirks:

ILLIMANI

- A. Penck, XV. 84 †; Do. (Illecillewaet-gletscher): Id., XIV. 119 †; Great Glacier of: G. and W. S. Vaux, XVI. 125 †, 687 §; Illecillewaet and Asulkan glaciers: Id., XIV. 683 †
- Illimani mt., Ascent by Sir M. Conway, XII. 417; height, XVII. 334; ruined village on, XIV. 23
- Illing, K. E.: Der Periplus des Hanno, XIV. 466 †
- Illinois—
- Coal-mining (F. O. Rep.), XIV. 683 †
- Glacial Lobe of: F. Leverett, XVI. 490 †
- Pocket-maps of (Rand, McNally & Co.), XIX. 787 †
- Water resources of: F. Leverett, XI. 318 †
- Ilopango, Lago de: J. M. S. Peña, XX. 470 †
- Ilorin, X. 365; Nupe and Ilorin: S. Vandeleur, X. 349 *
- Ilyaini river, E. Africa, IV. 507
- Ilyin, A.: Charts of world showing isobars, etc., XV. 560
- 'Imago Mundi,' XV. 136
- Imam Sharif: Capabilities of land in E. Equatorial Africa, IV. 431; Survey in E. Africa, IV. 425; work in Hadramut, IV. 330
- Imbart de la Tour, Dorvault, Lecomte: Régime de la propriété . . . aux Colonies, XVII. 218 †
- Imbert, Comm.: Reconnaissances au Nord de Bakel, XI. 454; Région de Tombouctou, XVII. 91 †
- , L.: Ports français de l'Atlantique, XIV. 452 †
- Imé, H. G. C. Swayne's visit to, II. 251
- I-men and Ching-hung, country between, XIV. 641
- Imerina, Cartes de l': Grandidier et Roblet, V. 510 †
- Imeritia: Podozersky, XI. 196 †
- Imiteghr, Wadi, V. 328
- Immanuel, F.: Amurprovinz, VII. 213 †; Bagdadbahn, XX. 244; Broughton-Bai, V. 180 †; Canalverbindung zwischen dem Kaspischen und Asow'schen Meere, XX. 465; England, Russland, und Afghanistan, III. 437 †; Gebirge Nordsibiriens, XIV. 335 †; Goldgebiete zu beiden Seiten der Beringstrasse, XIX. 787 †; Insel Sachalin, III. 438 †; Kwantung im russischen Besitze, XIX. 768 †; Mandschurei, XX. 242 †; Nord-west-Amerika und Nordost-Asien, XX. 251 †; Russische Eisenbahnbauten in Asien, II. 278 †; Tien-Schan, XVII. 210 †; Trockenlegung des Poljesje, V. 179 †; Tschitral, Jassin and Kunjut, II. 379 †
- Imperial Library; Imperial Britain: T. Johnson, XII. 626 †
- Imrad tribe, W. Africa, IX. 444
- Im Thurn, E.: Br. Guiana and its

INDIA

- Boundary, XVI. 254 †; List of Place-names in British Case against Venezuela, XV. 668 †; Notes on Br. Guiana, I. 378 †
- In dark Donegal; Tourist on Celtic fringe, VIII. 529 †
- Inaccessible Valleys: A. R. Wallace, I. 571 †
- Inambari river, VII. 187; X. 443; XIV. 214; De Riberalta al Inambari: R. Paz, VII. 217 †; Photographs, XIX. 668
- Inca, Puente del, S. America, X. 469
- Inca Civilisation, Geographical aspects of: Sir C. R. Markham, XX. 248 †; Ojos de Inaymana y el señor de la Ventana: S. A. Lafone Quevedo, XVI. 127 †
- Ince's Kashmir Handbook: J. Duke, I. 181 †
- Inclosure and preservation of open lands: Sir R. Hunter, X. 454 †
- Incoronato, E.: Costa al Nord del fiume Giuba, III. 532 †
- Indau river, Johore, III. 284
- Independence Bay, Greenland, II. 310; XI. 222
- Independence Hill, Flora of: F. H. Knowlton, IX. 342 †
- Index: *see* Indices
- India—
- Administrative Division, New, in N.W., XVIII. 303
- After five years in India: A. C. Wilson, V. 281 †
- Among the gods, Scenes of India: A. Klein, VI. 97 †
- Bibliographia do Centenario da India: L. Cordeiro, XX. 123 †
- Britischen und französischen Besitzungen in . . . H. Wagner, XIV. 225 †
- British Empire Series; India, Ceylon, etc.: Various authors, XV. 79 †
- India: R. W. Frazier, IX. 575 †
- Classified list of reports, etc., . . . India Office, V. 506 †
- Constable's Hand-gazetteer: J. G. Bartholomew and J. Burgess, XI. 567 †
- Descriptive geography: S. B. Chattopadhyaya, IX. 460 †
- Empire adrift, An: V. Nash, XVII. 446 †
- Entwicklung von Britisch-Indien: F. W. R. Zimmermann, IX. 236 †
- French architect in: Sir W. M. Conway, I. 444 *
- Handbook (India, Ceylon, and Burma): Murray, V. 507 †; XIII. 678 †; XVII. 550 †
- Indes anglaises et leur influence, etc.: G. de Leval, XII. 431 †
- India and Africa: F. E. Young-husband, VIII. 310 †

INDIA

India—continued.

- India and her currency: Sir E. Sassoon, XII. 96 †
 — in sixtieth Victorian year: Sir R. Lethbridge, X. 455 †
 India Office, Library Catalogue, VIII. 533 †
 India past and present: Lord Roberts, III. 70 †
 Indien und die Indier: Hubbe-Schleiden, XII. 431 †
 In India: G. W. Steevens, XV. 79 †
 Invasion of India by Russia: Young-husband, II. 89 †
 In W. India: Rev. J. Mitchell, XV. 674 †
 Kachemire, provinces du Nord-Ouest et d'Oudh, Punjab: M. Klobukowski, XVIII. 324 †
 Malakand Field Force operations: H. F. Walters, XVI. 697 †
 Malaria, Relationship of water-supply, etc., to: L. Rogers, XVIII. 324 †
 Meteorology: *see sub-head* Physiology
 Mohmand Field Force, Operations: F. A. Hoghton, XVI. 123 †
 Night in India, A: Mrs. Logan, IV. 187 †
 Our Indian Empire: E. F. G. Hatch, XV. 191 †
 Photographs of . . . railway to Kandahar: G. P. Tate, XII. 224
 — of India and Andaman Is.: Whitehouse, VIII. 200
 Progress of India under the Crown: Sir W. Hunter, I. 375 †
 Rambles . . . of an Indian official: Sir W. H. Sleeman, III. 437 †
 Recreations of an Indian official: Sir M. E. Grant Duff, XI. 450 †
 Six tactical problems: J. P. C. Neville, VII. 440 †
 S. Africa and India: Sir L. Griffin, XX. 366 †
 Sport and politics under an Eastern sky: Earl of Ronaldshay, XX. 555 †
 Standard time: R. D. Oldham, XV. 192 †
 Tide-tables for Indian Ports, † III. 346; IX. 236; XI. 312; XIII. 454; XV. 192; XVII. 88; XX. 242
 Tochi Field Force, operations: G. V. Kemball, XVI. 123 †
 Topography, etc., of N. India: H. M. Wilson, VII. 440 †
 Twelve Indian statesmen: S. Smith, XI. 207 †
 Two Indian campaigns, in 1857–58: E. T. Thackeray, VIII. 416 †
 Wrecks and casualties in Indian waters, † V. 403; VII. 678; IX. 460; XI. 450; XIII. 558; XV. 663; XVIII. 455
 Cartography and Surveys—
 Admiralty Surveys: *see* Marine

INDIA

India—continued.

- Atlas: W. & A. K. Johnston, III. 79 †
 Carte de l'Inde d'après Pomponius Mela: L. Malavialle, XVI. 365 †
 Constable's Hand Atlas, III. 79 †
 First English map: C. G. Cash, XIX. 653 †
 Frontier, Afghan: *see sub-head* Frontiers
 Geological survey Maps, V. 509 †; Reports, † XIII. 90; XIV. 458; XVI. 487; XIX. 230
 Indian Empire, including Ceylon and Straits Settlements: E. G. Ravenstein, XVII. 100 †
 "Indian Engineer" map of India, V. 287 †
 Magnetic survey, XVIII. 531
 Marine survey, reports, etc., IV. 376 †, 462; VI. 79; IX. 105 †, 657; XI. 195 †; XIII. 90 †; XV. 663 †; XVIII. 325 †; XX. 242 †; Admiralty surveys off coast, IV. 28; XII. 72; XIV. 86
 Projection for map of India and adjacent countries: St. G. C. Gore, XVI. 473 §, 577 †
 Route chart to East and India: J. Bartholomew, I. 286 †
 Statistical Atlas of, VIII. 427 †
 Surveys, Department of—maps and general reports, I. 92 †, 476 †; II. 94 †, 152, 571 †; III. 166 †, 538 †; IV. 31*, 85 †, 94 †, 477 †; V. 94 †, 406 †; VI. 27*, 202 †, 399 †, 492 †; VII. 226 †, 330 †, 372 †; VIII. 57*, 198, 538; IX. 471; X. 549 †, 559, 658; XI. 58, 108 †, 305, 578 †; XII. 222 †, 540 †, 549 †, 606; XIII. 222 †, 573 †; XIV. 313, 335 †, 693 †; XV. 305 †, 559 †; XVI. 497 †, 577 †, 594 †; XVII. 71, 221 †, 568 †; XVIII. 246 †, 439, 455 †, 558 †; XIX. 412 †, 664; XX. 368 †, 625, 667 †; appointment of Col. Gore as Surveyor-General, XV. 59; Survey No. 9, Orissa and N. Circars: J. Hill, VIII. 309 †; Work in Bengal and Orissa, I. 67
 Trigonometrical Survey, VIII. 57; IX. 596; Chart of Tidal and Levelling Operations, VIII. 198; Synopsis, † I. 279, 474, 565; III. 159, 530; Spirit-levelled Heights, II. 562 †; V. 507 †; Tidal Observations, etc.: J. Eccles, XX. 555 †
 Communications—
 Chemins de fer dans l'Inde anglaise: J. Franconie, XIV. 115 †
 Coming railway of India: J. W. Parry, VI. 295 †
 India and Chitral, Route between, V. 423
 Mail routes to India, XI. 175
 New projects of railway communication: J. M. Maclean, XV. 549 †

INDIA

India—continued.

- Pioneer of rapid route to, etc.: A. E. Waghorn, XIII. 220 †
- Projected Indo-Ceylon railway: J. Ferguson and J. Davis-Allen, XII. 324 †
- Railway communication between India and China: J. Stuart, XV. 79 †
- Connection of India and China: A. R. Colquhoun, XII. 430 †
- connection with India: Sir T. H. Holdich, XVI. 444 *; XVIII. 324 †
- surveying on Pipli Ghat: G. R. Hearn, XX. 555 †
- Railways, Administration Reports, III. 346 †; VI. 80 §, 581 †; IX. 105 †; XII. 432 †; XIII. 558 †; XVII. 88 †; XIX. 213 §, 230 †
- and famine: H. Bell, XVII. 549 †
- to India: C. E. D. Black, X. 227 †
- Recent railway policy: H. Bell, XII. 96 †
- Telegraphic communication with England: G. O. Walker, III. 346 †
- Transport in, Improvement of: A. H. Bingley and F. J. Moberly, VIII. 650 †
- Economics—
- Agarian conditions under British and native rule: M. F. O'Dwyer, XIV. 334 †
- American trade with India, XV. 436 †
- Area and yield of certain crops, XVIII. 324 †
- Artesian experiments: E. Vredenburg, XIX. 212 §, 396 †
- British India and its trade: H. J. Tozer, XX. 352 †
- Coal resources: W. R. Dunstan, XIX. 752 §; XX. 123 †
- Cotton spinning industry in China and India: W. C. Wood, XII. 431 †
- Decade of progress in India: C. E. D. Black, III. 506 *
- Dictionary of economic products: G. Watt, II. 278 †; VIII. 529 †
- Famine in India: Sir C. Elliott, XV. 79 †; Do. Recent: Id., XIV. 458 †; Prevention of: Id., IX. 574 †; Do.: L. C. Innes, XVIII. 637 †; Indian Famines: Sir H. S. Cunningham, IX. 575; Do.: J. E. Nevins, XVII. 549 †
- Forestry: F. Bailey, X. 473; XI. 90 †; Do.: Sir D. Brandis, IX. 680 †; Hill Forests of W. India, XV. 80 †; Indian Forestry: Sir D. Brandis, XVIII. 230 †
- Gold Resources: W. King and T. H. Hughes, XII. 628 †
- Handelsverbindung zwischen Indië en China, etc.: J. P. Vogel, XIII. 678 †
- Imperial Institute, Indian Section, Annual Report, XII. 431 †

INDIA

India—continued.

- Indian romance, X. 119 †
- Industrial development: J. A. Baines, XVI. 365 †; Do.: N. B. Waglé, XX. 122 †
- Irrigation in India: F. C. Cotton, XVI. 697 †; Irrigation and agriculture: Hon. A. Deakin, I. 565 †; Irrigation works in Egypt and India: R. B. Buckley, II. 185 †
- Lectures on . . . Indian agriculture: R. Wallace, XVI. 707 †
- Memorandum on resources of India: G. Watt, IV. 470 †
- Metalliferous mining: J. W. Evans, XVII. 550 †
- Petroleum fields: R. D. Oldham, III. 351 †
- Reservoirs with high earthen dams in India: W. L. Strange, XII. 431 †
- Statistical review of: F. C. Danvers, XVIII. 106 †; Do. of income and wealth of British India: F. J. Atkinson, XX. 466 †
- Sugar canes: F. Gill, XVII. 550 †
- Tea—Kultur von Thee in British-Indien und Ceylon: A. Schulte, XVIII. 549 †
- Tobacco industry of India, etc.: C. Tripp, VII. 562 †
- Water of the great rivers, etc., XVI. 366 †; XVIII. 637 †; Water supply in mitigation of drought: W. Sowerby, XVII. 447 †, 550 †
- Ethnology and religion—
- Buddhist Monastery at Sohmag: V. A. Smith, XVI. 487 †
- Caste—Geschichte des Kastenwesens: H. Oldenberg, X. 549 †; Kastvasendet i Indien: H. F. Johansson, XIII. 454 †
- Census—of 1891, II. 89 †; Do.: C. E. D. Black, III. 216 *; Report: J. A. Baines, III. 530 †; Do.: H. B. Abbott, VII. 329 †; Census operations, VII. 562 †; Distribution of population: J. A. Baines, I. 242 *, 469 †; Census of 1901: J. A. Baines, XVIII. 455 †; First total, XIX. 524 †; Reports, XX. 555 †; Some recent census reports, XVIII. 205 §
- Conversion of India from Paganism to present time: G. Smith, III. 70 †
- Emigration from India, XX. 102
- Folklore of N. India: W. Crooke, IV. 187 †
- Language; Indexes, Census of, XVIII. 325 †
- Languages . . . beyond N.W. Frontier: G. A. Grierson, XVI. 577 †
- Moral Advance of Peoples of India: W. Lee-Warner, IX. 460 †
- Naga and other frontier tribes of N.E. India: G. M. Godden, X. 549 †
- Pathan tribes of N.W. Frontier, Dictionary, XV. 191 †

INDIA

India—continued.

- Race and religion in India: A. M. Fairburn, XIV. 579 †
- Races of India, III. 219
- Sanskrit Sprache, Praktische Grammatik der: P. R. Fick, XX. 123 †
- Village communities in S. India: C. Krishna Menon, V. 506 †
- Süd-Indien; Land und Volk der Tamulen: H. Gebrüder, XIII. 454 †
- Fauna, flora (*see also* Economics, *above*)—
- Botanical Survey, Tours, etc.: G. A. Gammie and G. M. Woodrow, VII. 329 †; Reports, † XI. 90; XIII. 90; XV. 80; XVII. 447; XX. 242; Records of: G. M. Woodrow, M.A., Lawson, and J. F. Duthie, V. 281 †
- Distribution of Cyperaceæ: C. B. Clarke, XIII. 90 †
- Hill forests of W. India, XV. 80 †
- Vertebrate Animals, Distribution of: W. T. Blanford, XVII. 549 †; XIX. 524 †, 633 §
- Frontiers—
- Convention between Gt. Britain and China, etc., relative to Burmah and Tibet, VII. 111 †
- Frontier Campaign, A.: Viscount Fincastle and P. C. Elliott-Loekhart, XI. 450 †
- Expedition, N.E., VII. 93; Expéditions anglaises en Asie: Septans, X. 119 †
- Indian frontiers and Indian finance: Sir A. Colvin, VII. 111 †
- Making of a frontier: A. Durand, XV. 191 †
- N.W. frontier, with Afghanistan, III. 422; VII. 546; Frontière Indo-Afghane: A. Foucher, XV. 192 †; XVII. 549 †; Geography of: Sir T. Holdich, XVII. 461 †; XVIII. 455 †; Indian Borderland: Sir T. H. Holdich, XVII. 550 †, 632 §; Maps—Bartholomew, V. 611 †; X. 559 †; Constable and Stanford, II. 478 †; Philip, X. 659 †; Stanford, V. 611 †; X. 561 †; Military operations, XI. 567 †
- Problem beyond the Indian frontier: Sir A. Colvin, XI. 90 †
- Sixty years of frontier warfare: A. C. Yate, XVI. 247 †
- History—
- Alexander the Great, Invasion by, etc.: J. W. McCrindle, I. 469 †; retreat of, Sir T. H. Holdich on, IV. 360 §, 469 †; Greek retreat from India: Id., XVIII. 324 †
- Ancient countries in Eastern India: F. E. Pargiter, XI. 312 †
- India as described in classical literature: J. W. McCrindle, XVIII. 325 †, 609 §
- lines of communications, XIII.

INDIA

India—continued.

- Ancient monuments: Lord Curzon, XVI. 577 †
- Archæological tour with Buner Field Force: A. Stein, XIV. 458 †; Do., in S. Bihar and Harzaribagh: Id., XVIII. 106 †
- Batalhas da India: Como se perdeu Ormuz, L. Cordeiro, IX. 467 †
- Bahmani Dynasty, History of: J. S. King, XVI. 365 †
- Buddha's birth and death, Lost sites of: L. A. Waddell, X. 455 †
- Chronica dos reis de Bisnaga, MS. publicada por D. Lopez, XI. 312 †
- Danes at Tranquebar and Serampore: D. Ferguson, XII. 540 †
- De Lisboa a Cochim em 1505: G. Pereira, XVIII. 106 †
- Embassy of Sir T. Roe to Great Mogul: ed. W. Foster, XIV. 579 †
- Forgotten empire (Vijayanagar): R. Sewell, XVI. 696 †
- Geographical dictionary of ancient and mediæval India, etc.: Nundo Lal Dey, XX. 667 †
- Geography of Rama's exile: F. G. Pargiter, III. 530 †
- History and geography notes: J. F. Fleet, XVII. 87 †; XVIII. 106 †
- History of Br. India: Sir W. W. Hunter, XIII. 558 †; XVI. 696 †
- Identification of Kusinara, Vaisati, etc., L. W. Hoey, XVII. 88 †; of Orissan port of Chitratala: L. A. Waddell, V. 88 †
- India before the English: R. Sewell, X. 455 †, 549 †
- under Queen Victoria: Sir A. Lyall, X. 119 †
- in the nineteenth century: D. C. Boulger, XVIII. 636 †
- ; its arts, etc.: Sir O. T. Burne, IX. 104 †
- Influence classique dans l'art de l'Inde: G. d'Alviella, XV. 549 †
- Maratha war, The last: R. G. Burton, XVIII. 325 †
- Marine records of the late E. India Co., VIII. 426 †
- Mission d'études archéologiques et religieuses: A. Foucher, XV. 191 †
- Missions de Wang Hinen-ts'e dans l'Inde: M. S. Lévi, XVI. 577 †
- Monumental antiquities, etc., in N. W. Provinces: A. Führer, I. 181 †
- Monuments of India: G. Le Bon, I. 181 †, 444 §
- Nederlandsche factorijen in Hindostan: P. H. van der Kemp, XIV. 225 †; Do., in Voor-Indië in den aanvang der 19^e eeuw: Id., XIX. 653 †
- Onderzoek van stikken in het India Office: W. R. Bischoff, IX. 680 †
- Pre-Aryan commercial village in

INDIA

India—continued.

- Europe and India: J. E. Hewitt, XIV. 225 †
- Prehistoric antiquities, Catalogue: R. B. Foote, XVIII. 636 †
- Proceedings preserved in India Office, XVII. 320 †; XVIII. 230 †
- Quarto Centenario do Descobrimento da India: F. Costa, IX. 460 †; *see above*, Chronica
- Rise of the British Dominion: Sir A. Lyall, I. 279 †
- Sea-route to India, celebration of discovery, X. 641; Fourth centenary of Vasco da Gama's voyage, XII. 10 *
- S. Indian inscriptions: E. Hultzsch, XVI. 487 †
- Viaggio di Matteo da Bergamo in India sulla flotta di Vasco da Gama: P. Peragallo, XIX. 653 †
- Physiography—
- Attraction of Himalayas upon plumb-line: S. G. Burrard, XIX. 615 §; XX. 123 †
- Bewässerungssystem in Britisch-Indien: C. E. Young, XVI. 247 †
- Cloud Statistics, etc.: A. M. Downing, X. 119 †
- Dunes of Indian desert, IX. 292, 294
- Earthquake of 1897, List of after-shocks: R. D. Oldham, XVII. 88 †; Report: R. D. Oldham, XVI. 696 †; Wirkungen des Erdbebens von 1897: C. Diener, XX. 123 †; Do. (Geologischen): J. Walther, XVIII. 637 †
- Evolution of Indian Geography: R. D. Oldham, III. 169 *
- Floods in S. India: E. W. Stoney, XIII. 558 †
- Geological history of India, III. 170
- resemblances between India and S. Africa, III. 173
- Great Plain of N. India, III. 194
- Influence of geological structure on topography: B. S. Lyman, XII. 96 †
- Luftdruckbeobachtungen in Britisch Indien: W. Krebs, XVII. 88 †
- Magnetical . . . Observations at Government Observatory: N. A. F. Moos, XII. 431 †
- Manual of geology of India: R. D. Oldham, IV. 281 †; Do. Corundum: T. H. Holland, XIII. 558 †
- Notes on Indian geology: W. H. Hudleston, VII. 563 †
- Observations of fixed stars: C. M. Smith, XVI. 365 †
- Rainfall in India, X. 228 †
- Rivers of Western watershed, IX. 399
- Solar eclipse of 1898, Reports: W. H. M. Christie, H. H. Turner, etc., XII. 540 †; XV. 663 †
- Volcanoes and hot springs and folklore

INDIAN OCEAN

India—continued.

- connected therewith: V. Ball, III. 346 †
- Travel—
- Calcutta to Bombay coasting: H. S. Brown, XX. 555 †
- Exploration during reign of Queen Victoria, XVII. 243
- From India to Fergana: V. F. Novitski, XX. 122 †
- London to Karachi in a week: F. H. Skrine, XIV. 680 †
- Government rewards to Tibetan explorers, IV. 61
- Nach Ostindien über Deutschland: J. Ichenhauser, XI. 576 †
- Pandit's route from Calcutta to Gaya, XX. 122 †
- Reise nach Südindien: E. Schmidt, V. 88 †
- Route from Indus to Kashmir valley: Bretherton's exploration, XIX. 631
- Travels in India a hundred years ago: T. Twining, ed. W. H. Twining, III. 160 †
- Western Glacis of India, XVI. 366 †; XVIII. 326 †
- India, French—
- Colonies françaises, Notice sur les établissements français de l'Inde: C. Guy, XVII. 88 †
- Inde française au XVIII^e siècle, Ouvrage posthume de H. Castonnet des Fosses, XX. 555 †
- India, Portuguese, VI. 559
- Inscrições lapidárias da Índia portuguesa: J. H. da Cunha Rivara, IV. 577 †
- Memoria historico-economica . . . da Índia portuguesa: F. X. E. Fernandes, XIV. 335 †
- Portuguese in India: F. C. Danvers, V. 281 †
- Indian Archipelago: *see* Malay Archip.
- Indian Ocean—
- Areas of river basins draining to, XI. 62; XII. 183; depth, IV. 257; fauna of islands, VII. 283; Icebergs, IX. 97; Soundings, XV. 521; Surface temperature, XII. 123
- Beiträge zur Kenntniss, etc., des Indischen Ozeans: W. Meinardus, V. 396 †
- Directory for navigation: A. G. Findlay, XIII. 331 †
- Fantastic islands of, in the middle ages, etc.: G. Collingridge, IV. 92 †, 475 †
- Iles Saint-Paul et Amsterdam: C. Vélain, I. 572 †
- Indian Ocean: M. Venukoff, IV. 281 †
- Indischen seespiegels Mohit, Topographischen capitel: Seidi Ali (1554); M. Bittner and W. Tomaschek, X. 339 †, 455 †; XI. 76 §; Bemerkungen zum: Meldau, XIII. 677 †
- Maps—Atlas of Meteorological charts, II. 288 †; Current charts: C. Harding,

INDIAN OCEAN

Indian Ocean—*continued.*

- VIII. 195 †, 200; Waarnemingen in den Indischen Ocean (K. Nederlandsch Meteorol. Inst.), XVI. 498 †
 Solar changes of temperature . . . in region surrounding: Sir N. Lockyer, XVII. 550 †
 Supplement relating to islands in, XIII. 93 †; Do. to . . . Sailing Directory: W. R. Kettle, XI. 90 †
 Indian subregion of geography of mammals, VIII. 380
 "—Summer," The term: A. Mathews, XX. 359 †, 458 §
 —Territory: H. Gannett, VII. 216 †, 444 †
 Ancient quarry in: W. H. Holmes, VI. 393 †
 Coalfields of: N. F. Drake, XII. 327 †
 Five civilized tribes and survey of: C. H. Fitch, XIII. 565 †
 Report of Mine Inspector, XVII. 93 †
 Survey . . . of Ind. Ty.: H. Gannett, VII. 565 †; Triangulation and spirit leveling: C. H. Fitch, XVIII. 642 †

Indiana—

- Caves, Observations on: O. C. Farrington, XVIII. 552 †
 Drainage of S.: J. F. Newsom, XX. 248 †
 Esker lakes of N.E.: C. R. Dryer, XVIII. 93 §, 112 †
 Natural gas field of: A. J. Phinney, III. 254 †
 Studies in geography: C. R. Dryer, XI. 318 †
 Water resources of: F. Leverett, XIV. 340 †
 Indians, American, arrows of, X. 66; of Bolivia, III. 114; of Mexico, VI. 431; XI. 425; on Rio Napo, III. 478
 Indian ghost-dance and Sioux outbreak: J. Mooney, XI. 98 †
 Indios Matacos y su lengua: J. Pelleschi, XI. 318 †
 Principio e origem dos Indios do Brazil, VIII. 192 †
 Stories from Indian Wigwams, etc.: E. R. Young, III. 162 †
 Unter den Indianern in Canada: H. Lemcke, VIII. 312 †

- Indiarubber-cultivation in Amazons, IX. 447; Bolivia, IX. 448; XVIII. 151; Commerce du caoutchouc: G. van der Kerkhove, XII. 330 †; Manual para la Extraccion y beneficio de la Goma Elastica: N. Jordán, XVIII. 241 †; Para rubber, XII. 639 †; Plantes produisant le caoutchouc du commerce: D. Morris, XV. 199 †; Stand der Kautschukgewinnung, etc.: F. W. Neger, XVIII. 342 †

- Indiarubber . . . and Telegraph Works Co., soundings taken by, VI. 100 †

- Indices (*see also* Bibliography and Catalogues)—

INDO-CHINA

Indices—*continued.*

- Contents-subject index to general and periodical literature: A. Cotgreave, XI. 689 †
 Geographical Index to Books, etc.: War Office, † VIII. 533; X. 344; XVI. 495; XX. 365
 Index to Periodicals, VII. 223 †; X. 343 †
 —to Quarterly Journal of Geological Society, X. 344 †
 —to Proceedings of R. G. S., IX. 218 §, 346 †
 —to Subject Bibliographies: A. Newman, XIV. 236 †
 Proceedings of Institute of Civil Engineers, Subject-Index, XV. 91 †
 —Royal Col. Inst., X. 555 †
 Indico, Pico del: Bolivia, XIV. 31

Indo-China—

- A travers l'Indo-Chine, Cochinchine, etc.: E. Lagrillière Beauclerc, XVI. 122 †
 —le Tonkin; La rivière Claire: G. Lhomme, XVI. 122 †
 Aux monuments . . . des Kiams: C. Lemire, V. 180 †
 Britischen und Französischen Besitzungen in . . . Hinterindien: H. Wagner, XIV. 225 †
 Ce qu'il faut faire en Indo-Chine: Fleury-Ravarin, XI. 683 †
 Cinq ans au Laos: P. Macey, IX. 237 †
 Colonisation française en Indo-Chine: J. L. de Lanessan, V. 605 †
 Colonization of: J. Chailley-Bert, trs. A. B. Brabant, IV. 576 †
 De l'Irrawaddi au Mékong supérieure: Mme. Massieu, XII. 324 †
 Divination chez les Cambodgiens: A. Leclère, XIII. 89 †
 Dix ans de Haut-Tonkin: Girod, XIII. 89 †
 Early Geography of: G. E. Gerini, X. 436 §, 455 †
 Empire colonial de la France, l'Indo-Chine: Gervais-Courtellement, Vandellet, etc., XIX. 524 †
 En Indo-Chine: Marquis de Barthélemy, XVII. 636 †
 —; du sous-sol: J. Marc Bel, XIX. 524 †
 France au Laos: E. Guillot, I. 84 †
 Frontier-treaties withdrawn, VII. 297
 Henri d'Orleans, Prince: De Kratié à Nha-Trang, XVIII. 636 †; Du Tonkin aux Indes, XI. 684 †; explorations, VII. 93; XI. 245; From Yunnan to British India, VII. 300 †; Renseignements géographiques . . . de l'expédition du Prince H. d'Orléans: E. Roux, X. 550 †
 Hinterindischen Volksstämme; C. Rosset, VIII. 309 †
 Hydrographical expedition under Héron, XIX. 214

INDO-CHINA

Indo-China—continued.

- Indo-Chine française: A. Bouinais and A. Paulus, II. 379 †
 In Sattel durch: O. Ehlers, V. 88 †
 Journey in Indo-China: Lord Lamington, XVII. 88 †
 Journeys in French Indo-China: Lord Curzon, II. 97 *, 193 *
 Laos français: E. Picnon, XVII. 549 †
 Longitudes et altitudes observées, etc.: E. Roux, VIII. 530 †
 Mois du So'n-Phong: F. M. Durand, XVIII. 455 †
 Maps—Atlas archéologique de l'Indo-Chine: E. Lunet de Lajonquière, XIX. 412 †; Carte de l'Indo-Chine (Bureau top. des troupes), XVIII. 652 †; XIX. 115 †; Carte de la Mission Pavie, I. 574 †; V. 189 †; XX. 677 †
 Mékong voie de pénétration: Xieng-la, XIX. 769 †
 Mission to: E. Aymonier, I. 181 †
 Notices sur l'Indo Chine, etc.: M. P. Nicolas, XVII. 87 †
 Origine des races de l'Indo-Chine française, XV. 192 †
 Origines de l'Empire français dans l'Indo-Chine: A. Faure, XIII. 454 †
 Pavie Mission—Mission Pavie Indo-Chine, XIII. 678 †; Do. Etudes diverses: A. Pavie, XV. 80 †; Do. Voyages au Laos, etc.: Capt. Cupet, XVI. 248 †, 473 §; Map: *see above*
 Phu-Long-Thuong à Lang-Son: Lhomme, XIII. 677 †
 Populations du Nord de l'Indo-Chine: P. Lefevre-Pontalis, VIII. 650 †
 Possibilités économiques de l'Indo-Chine: P. Padaran, XIX. 769 †
 Railway projects, XIII. 302; Chemins de fer de l'Indo-Chine: J. L. de Lanessan, XIII. 559 †; Do.: C. Mourey, XVIII. 325 †; Do.: H. Pense, XIII. 678 †; Chemins de fer projetés: J. Servigny, XIII. 559 †
 Reconnaissance chez les Mois Stiengs, etc.: Marquis de Barthélemy, XVIII. 636 †
 Surveys and scientific work in, XX. 336
 Tournée en Indo-Chine: A. Salles, XIII. 320 †
 Trade Rep., XVI. 577 †; XVIII. 324 †
 Travaux du Bureau topographique des troupes, XIII. 320 †
 Voies de communications maritimes et fluviales: E. Gallois, XVII. 550 †
 — penetration du sud, XI. 684 †
 Voyage au Haut-Laos: Mme. I. Massieu, XIII. 559 †
 — chez les Mois Stiengs: Cte. P. de Barthélemy, XVIII. 229 †
 — dans la région au sud de Semaou: P. Bons d'Anty, XIII. 559 †
 Voyage d'une Française: J. Leclercq, XIX. 525 †

INLE

Indo-China—continued.

- Wild people of Further India: C. Rosset, II. 278 †
 Indo-European highway: S. H. F. Capenny, XVI. 525 †
 Indogermanen, Die Urheimat und die Wanderungen der: H. Hirt, VII. 339
 Indus, direction of channel, VII. 394; formation, III. 178
 Indus-delta country: M. R. Haig, V. 281 †; VI. 260 §
 New Route from Indus to Kashmir Valley: Bretherton's exploration, XIX. 631
 Infante Imperatriz da Allemanha, etc., Sabrinha do: L. Cordeiro, VI. 101 †
 Ingall, E. D.: Geol. Survey of Canada; Section of mineral statistics and mines, Report, X. 230 †; XI. 454 †
 Ingleborough—grotto at, X. 509; Physical geography of neighbourhood: T. McK. Hughes, XIX. 105 †, 501 §
 Inglefield, Sir E.; obituary, IV. 464; On proposal to elect ladies as Fellows, II. 72; remarks on "How can North Polar region be crossed?" I. 25
 Inglefield gulf, Greenland, II. 313; glaciers of, IV. 461
 Inglis, H. R. G.: "Contour" Road Book of England, XII. 203 †, 322 †; Do. Scotland, VIII. 415 †; "Exeter" Road map, Land's End to John o' Groat's, and "Safety" cycling map of Scotland, IV. 382 †; "Half-inch" map of Scotland, I. 476 †
 —, Hon. J.: Industries and prospective sources of wealth in N.S.W., IV. 288 †
 Ingolf expedition, XIV. 587 †; XV. 273 §; Hydrografiske Undersøgelser: M. Knudsen, XIII. 98 †
 Ingomwimbi, Ruwenzori mts., XVII. 30
 Ingram, J. F.: Natalia, XI. 93 †
 Inhambane, Trade Rep., XVII. 92 †; XIX. 233 †
 Inhampallala, O., IX. 577 †
 Inhangani mts., E. Africa, II. 506
 Inishbofin and Inishshark, Ethnography of: C. R. Browne, IV. 185 †
 Inishturk: *see* Clare
 Iniskea Is.: *see* Mullet Is.
 Inje Kemer, IX. 40, 43
 Inkey, L.: Voyage dans l'Afrique orientale, III. 438 †
 Inland navigation in Europe and N. America: L. F. Vernon-Harcourt, XIII. 570 †
 — in France: C. Hardinge, V. 166 §; Do.: H. E. O'Neill, VI. 277 §
 — in Germany: J. B. Whitehead, V. 378 §
 — in U.S.: S. S. Leach, XI. 98 †
 Inle lake, Southern Shan States, VII. 579, 585

INMAN

- Inman, H., and W. F. Cody: Great Salt Lake Trail, XIII. 565 †
- Inn valley glaciation, Penck on, XVII. 187
- Innthal bei Kufstein und die Eiszeit: J. Jaeger, XIV. 221 †
- Innermost Asia: R. P. Cobbold, XV. 435 †
- Innes, L. C.: Prevention of famine in India, XVIII. 637 †
- Innsbruck—Mayr's quarry near, V. 71
- In-Salah—
- A In-Salah: P. Vuillot, XII. 633 †
- Longitude d': F. Foureau, XII. 210 †, 412 §
- Occupation d'In-Salah: A. Bernard, XV. 552 †; M. G. Demanche, XVI. 251 †; Derréagaix, XV. 552 †; H. Froidevaux, XV. 552 †
- Position géographique d'In-Salah: G. B. M. Flamand, XIX. 375 §, 528 †
- Position, XII. 412; Foureau and Laing on, XI. 666
- Insectivora of Ethiopian region, VII. 286, 288; Neotropical region, V. 473; Palearctic region, X. 86; Papuan region, IV. 46
- Insects, Geographical distribution of scale: T. D. A. Cockerell, VIII. 425 †
- Instruction for travellers, VIII. 4; L. Ambrohn's plan for, III. 240; by Paris Natural History Museum, II. 176
- Insula allobrogea, Sui limiti dell': G. Grasso, XII. 440 †
- Insulinde, Voyage de MM. Hiller et C. Hamson, et du Dr. W. H. Furness, XIV. 115 †
- Intercontinental railway (America), XX. 357 †; Die nord-südamerikanische Längsbahn: W. Sievers, XVII. 77 §, 453 †
- Interglacial periods, Relation of changes of level to: A. P. Coleman, XIX. 661 †
- Intermediate depths of the ocean, Exploration: G. Murray, XIII. 147 *
- International geography, ed. H. R. Mill, XIV. 691 †
- students' atlas of modern geography, XIX. 665 †
- Interoceanic canal: *see* America, Central
- Intha tribe, Shan States, VII. 579
- Investigator*, survey work of, IV. 462; VI. 79
- Inwards, R.: Meteorological observations, XIII. 568 †
- Ingankarara, tributary of Pungwe, II. 506, 508
- Inyanga, Mashonaland, XIII. 378
- Inyo range, Cal., Post-pleistocene elevation of: C. D. Walcott, X. 456 †
- Ionian Colonies in Asia Mi., I. 504
- Is.—R. Leonhard's explorations, IX. 320; Trade Rep., XIV. 453 †
- Map used by Herodotus, VIII. 609, 611, 624

IRELAND

- Iowa—
- Constitution and admission into the Dominion: J. A. James, XVI. 490 †
- Pocket map (Rand, McNally & Co.), XX. 254 †
- Prehistoric history of N.E.: W. J. McGee, III. 254 †
- Ipswich—Geography at British Ass., 1895, VI. 460 *
- or West Moreton coalfield, Queens-land; Geology of: W. E. Cameron, XVIII. 338 †
- Iquitos population, IX. 447
- Iraizós, F.: Asuntos Internacionales; I. El Sudeste de Bolivia, XVIII. 335 †
- Iramba Uplands, C. Africa, I. 111
- Iran, X. 569; Cities of: J. J. Modi, XVI. 698 †
- Irangi, E. Africa, VI. 274; Mts., XII. 190
- Irawadi river, VIII. 9; silting of delta, XVI. 241; source, VII. 199; VIII. 581; tributaries, VIII. 581, 584
- Hydraulic work on Irawadi delta: R. Gordon, II. 379 †
- Journey from Assam to sources of: J. E. Gray, III. 221 †
- Pottinger's expedition to upper, X. 210
- Sail down the: H. M. Cadell, XVIII. 324 †
- Irazu volcano, Costa Rica, X. 59; XIX. 318
- Irelan, W.: Report, California State Mining Bureau, III. 162 †
- Ireland, A.: Geographical environment and political evolution, XVIII. 510; Is tropical colonization justifiable? XX. 675 †; Tropical colonization, XV. 557 †
- R. P.: Geography as seen by the child, XVII. 455 †
- Ireland—**
- Coast Pilot: R. Hoskyn, XX. 554 †
- Handbooks — Baddeley's (Northern Counties, including Dublin), X. 454 †; XX. 554 †; Cooke's, VIII. 415 †; XVI. 574 †; Ward's (E., W., and S.) VI. 483 †; XVIII. 104 †
- Irish and Scottish Training Colleges, R.G.S. prizes, II. 456
- Irish peat question: T. Johnson, XVI. 695 †
- Maps, etc.—Marine surveys, IX. 656; Ordnance survey, II. 569 †; Reduced Ordnance Survey: J. Bartholomew, † VIII. 655; XVI. 262; Re-survey, XV. 576; Tourist's map: J. Bartholomew, VIII. 198 †
- Papers at British Ass., XX. 523
- Tourist in Ireland: Earl of Mayo, X. 548 †
- W. of Ireland, VIII. 189 †
- Antiquities, Ethnology, History—
- Ancient forts: T. J. Westropp, XX. 122 †
- Census for 1901: Preliminary Report, XVIII. 547 †
- Capt. Cuellar's adventures in, after

IRELAND

Ireland—continued.

- wreck of Spanish Armada: J. O'Reilly, III. 344 †
- Complexional differences between the Irish, etc.: J. Beddoe, XI. 194 †
- Druids and old Irish reliques: J. Bonwick, IV. 91 †
- Ireland and the Irish: J. B. Findlay, IV. 576 †
- Jacobite war: C. O'Kelly, IV. 185 †
- Magh Adhair, co. Clare: T. J. Westropp, IX. 459 †
- Milesian colonization in relation to gold mining: J. P. O'Reilly, XVII. 319 †
- Nordisk Sprog . . . i Ireland: A. Bugge, XVIII. 323 †
- Peasant life and industries: A. C. Haddon, VII. 56 †
- Prehistoric remains from sandhills, Report: W. J. Knowles, XIX. 523 †
- Round towers: T. J. Westropp, XIV. 333 †
- Story of St. Patrick: J. Sanderson, IV. 576 †
- Physical geography—
- Caves and grottoes, X. 501; Mitchelstown cave: E. A. Martel, XI. 309 †; On some caves in Slieve-na-Callagh district: E. C. Rotherham, IV. 185 †
- Distribution of drift, etc.: J. R. Kilroe, XI. 309 †; XII. 204 †
- Eskers of Ireland: T. Fitzpatrick, XIII. 212 †; Distribution of: W. J. Sollas, XI. 309 †
- Irish topographical botany: R. L. Praeger, XIX. 104 †, 630 §
- Irlande et cavernes anglaises: E. A. Martel, IX. 459 †
- Raised beaches of N. E.: R. L. Praeger, IX. 459 †
- Irene lake, Bakhtiari country, IV. 491
- Iringa, Grenzreise des Stationschefs von, XVIII. 329 †
- Iri-omote-jirna, V. 297, 303
- Irish Channel—
- Die Gezeiten-Erscheinungen im Irischen Kanal: Börgen, V. 604 †
- Irish Channel tunnel: J. Walker, IX. 574 †
- Irkishtan, C. Asia, II. 396; III. 447
- Irkutsk—altitude, XIX. 634
- Railway between Irkutsk and Chita, V. 152
- Relics of stone age near, XI. 429
- Irmak, Kizil, Asia Mi., XI. 296
- Journey in basin of: G. Prittwitz and Kannenberg, III. 437 †
- Kizil Irmak, the ancient Halys: Lieut. Maercker, III. 327 *
- Wege-Aufnahmen im Gebiet des unteren Qyzl-Yrmaq: Prittwitz und Gaffron und von Flottwell, VI. 297 †
- Iron and Coal, Dominion of: E. Atkinson, XVIII. 342 †
- Gate defile, Bokhara, XIV. 599

ISILOLO

- Iron Gates, Danube, Ship canal at, VII. 544; Regulation of, I. 243 †; Do.: K. Peucker, VIII. 603 *
- Ironstone at Cape York: R. E. Peary, V. 488 §; VI. 99 †
- Iroquois, Les derniers des: G. N. Trioche, XVIII. 552 †
- Beach: A. P. Coleman, XVI. 582 †
- Confederacy, Consolidation of: J. Douglas, X. 122 †
- Irrawaddy: see Irawadi
- Irrigation—in Madras, VIII. 10; Mallee district, Victoria, XI. 671; U.S.A., VI. 449
- Canadian Irrigation Surveys Report, VIII. 191 †; IX. 240 †
- Irrigation Atlas, Egyptian Government, letter from C. Whitehouse on, IV. 182
- Kunstliche Bewässerung und ihre Anwendung in unseren Kolonien: E. Jung, XVIII. 115 †
- Relations of irrigation to geography: H. M. Wilson, XI. 576 †
- Scientific study of: A. C. True, XIV. 589 †
- Irshad pass, VIII. 115
- Irt river, England, VII. 619
- Irtysch-Ostjaken: S. Patkanov, XII. 207 †
- Irvine, J.: Description of Benin from folio of J. Ogilby, IX. 682 †; Gold mines of W. Africa, XIII. 563 †
- , R., and J. Murray: Chemical changes in marine muds, XII. 217 †
- Irving, E. A.: Ride in Hakkaland, V. 87 †
- Irwell, tributary of Mersey, III. 485
- Is the Earth a planet? C. Robertson, X. 345 †
- Isaac, A.: La Guadeloupe en 1899, XIV. 685 †
- Isaacson, F. J.: Photographs of S. E. Africa, IX. 472; Heligoland, II. 576
- Isaia, W. Africa, altitude, etc., X. 393
- Isak I., Lake Urm, XIV. 515
- Isakamaré river, hills along, VI. 250
- Isambert, E.: Itineraire descriptif . . . de l'Orient, VIII. 310 †
- , and A. Chauvert: Syrie, Palestine, etc., VIII. 310 †
- Isar river, V. 72
- Isbiana mts., Persia, IV. 485
- Ischina mt.: see Ungwala
- Ischia, Navigirung im Kanal von, X. 452 †
- Iseo, Lake, depth of, XIV. 441
- Iseran, Mont: H. Ferrand, III. 69 †; Do., La légende du: W. A. B. Coolidge, XIX. 391 †
- Isfahan: see Ispahan
- Isfahan valley, C. Asia, XI. 399, 401
- Ishigaki-jima, V. 296
- Ishii, Y.: Geology of vicinities of Giran, etc., XIII. 91 †; Travel in Northern part of Taiwan I., X. 456 †
- Isiolo river, E. Africa, II. 539

ISKER

- Isker river—Iskerdéfilée: F. Meinhard, XIII. 87 †
- Islam, Die Länder des, nach Chinesischen Quellen: F. Hirth, VI. 201 †; Nei paesi de: G. B. Boni, X. 656 †; *see* Mohammedanism
- Islands—
 Nomenclature of oceanic, XIV. 545
 Origin and classification of: A. J. Jukes-Browne, I. 379 †
 Recherches sur la constitution des îles: J. de Windt, X. 653 †
- Isle, Rollet de l': *see* Lacroix, A., and Rollet de l'Isle
- Isle-à-la-Crosse, Du lac de l', au Fort Carlton: E. Petitot, X. 341 †
- Isle of Wight and New Forest, Bartholomew's map of, X. 559
- Ismail Pacha: Hommage à la mémoire de, VI. 101 †
- Ismailia, Sand-dune at, XV. 3
- Ismar, Wadi, IX. 629
- Isonzo, Mutamenti nel corso dei fiumi: A. Tellini, XII. 425 †
- Isotherms—
 Entwicklung der Karten der Jahres-Isothermen: W. Meinardus, XV. 89 †
 Polar Basin, II. 339
- Isfahan, Persia, XIX. 135; height, VII. 168; Isfahan, die persische Kunstmetropole: W. Schutz-Baumgärtner, XVIII. 638 †; Trade Rep., XIV. 581 †
- Ispir I., Lake Urmi, XIV. 515
- Israelite Bay, Natural features of: J. P. Brooke, IX. 580 †
- Issa, Red river, VIII. 568
- Issel, A.: Origine . . . de la Mer Rouge, XVI. 589 †; Morfologia e genesi del Mar Rosso, XVIII. 239 †
- Issele, Fetischstadt am unteren Niger: H. Siedel, XII. 433 †
- Ister and Nile, Symmetry of, VIII. 618
- Isthmian Canal: *see* America, Central
- Istranja Dagħ; Schaffer's journey, XX. 651
- Istria—
 Cinq jours de croisière en Istrie: A. Robin, IX. 675 †
 Lussino, Isola dell': L. Czink, XIX. 765 †
 Romānī din Istria: T. T. Burada, IX. 675 †
- Isurium (Aldborough), Roman town, X. 515
- Italy** (*see also* Europe, Southern)—
 Alcune . . . valli epigenetiche: T. Taramelli, XVIII. 227 †
 Alessandro Volta ed . . . fontane ardenti di Pietramala di Velleja: M. Baratta, XIV. 454 †
 Alpi Piemontesi: V. Novarese, XVI. 485 †
 Antichi nomi dei fiumi di Romagna: F. P. Cestaro, XVIII. 227 †
 Area dei bacini fluviali: A. Mori, XVIII. 226 †

ITALY**Italy—continued.**

- Area delle minore isole italiane: A. Mori, IX. 336 †
 — delle suddivisione del Regno, etc.: E. Millosevich, X. 451 †
 — dell' Italia naturale: O. Marinelli, X. 339 †
- Aspect physique de l'Italie: C. Pomba, VII. 108 †
- Bibliografia Geografica della regione Italiana: L. F. Magistris, XVIII. 103 †
- Bollettino del Ministero degli Affari Esteri, II. 93 †
- Catalogo dei fenomeni sismici: M. Baratta, XI. 192 †
- Census report, XVIII. 208
- Depressione prenestina . . . della Campagna romana: L. F. de Magistris, XI. 681 †
- Determinazione di latitudine eseguita a Monte Soratte: V. Reina, XVIII. 321 †, 322 †
- Deutsche Sprachinsel Zahre-Sauris in Friaul: Dr. Halbfass, IV. 469 †
- Dizionario toponomastico dell' Italia: F. L. Pullé, XVIII. 226 †
- Earliest communication between Italy and Scandinavia: O. Montelius, XVII. 545 †, 656 §
- Earthquakes—Distribuzione dei terremoti in Italia: M. Baratta, V. 279 †; Italianischen Erdbeben: G. Gerland, XIX. 650 †; Terremoti della Romagna del 1781: M. Baratta, X. 452 †
- Emigration Italienne: G. Yver, X. 555 †; Do., et la colonisation: A. Ebray, XIV. 454 †
- Emilia e Romagna: E. Rosetti, XIV. 111 †
- Entwicklungsgeschichte der Appenninen-Halbinsel: T. Fischer, X. 633 §; XI. 88 †
- Erfolge des Wetterschiessens in Italien: J. H. Pernter, XVIII. 632 †
- Exploration, Italian: *see under specific countries*
- Famine and its causes in: E. C. Strutt, XVIII. 632 †
- Ghiacciai del Massiccio del M. Disgrazia: L. Marson, X. 451 †; Do., del Bernina: L. Marson, XIV. 223 †; Studio dei Ghiacciai Italiani: F. Porro, X. 452 †; XVIII. 226 †; Do. del movimento dei Ghiacciai nel 1898: G. Marinelli, XIV. 223 †
- Gravita terrestre, Determinazione eseguite in Italia: G. P. Baglione, XVIII. 226 †
- Grotte e fenomeni carsici del Bellunese: G. Dal Piaz, XVI. 571 †
- Insolazione . . . d'Italia: S. P. Tacchini, IX. 677 †
- Italia e il suo Mare: C. Bertacchi, XVI. 704 †

ITALY

Italy—continued.

- Italiani all' estero: L. Marson, XI. 459 †
- Italian monument to Columbus: Sir C. R. Markham, IV. 33 *
- Italien: W. Deecke, XV. 189 †
- Italiens Kartenwesen in geschichtlicher Entwicklung: W. Stavenhagen, XX. 120 †
- Italische Landeskunde: H. Nissen, X. 351 †
- Italy and Russia in 16th century: P. Pierling, II. 88 †
- Lakes: *see* subhead *below*
- Libraries of Italy, Statistics, VI. 193 †
- Limite Convenzionale tra Italia Continentale e Italia Peninsulare: L. de Magistris, X. 452 †
- Malaria experiments in Campagna, XVII. 545 †; Osservazione . . . seconda spedizione malaria: B. Grassi, XV. 189 †; Verbreitung der Malaria in Italien (map): W. G. Fritzsche, V. 406 †
- Mario, Sulla latitudine di Monte: F. Giacomelli, XVI. 362 †
- Medie meteorologiche mensili . . . media annua in Italia: G. Saija, XIV. 223 †
- "Mistpoeffers" italiani: M. Baratta, XIX. 650 †
- Misure magnetiche in Italia: L. Palazzo, XIV. 454 †
- Modern Italy: P. Orsi, XV. 661 †
- Montagne della Penisola Italiana, distinzioni, etc.: F. Porena, X. 452 †
- Navigazione fluviale: P. Lanzoni, XII. 427 †
- Nero's great canal, etc.: A. Marks, XVI. 571 †
- Nome nei Comuni attuali d'Italia: G. Grasso, XVIII. 322 †
- Nomi locali nelle carte topografiche . . . : G. Riechier, XVIII. 226 †
- Spostamenti del suolo in Italia: C. de Stefani, XVIII. 226 †
- Osservazioni mareografiche in Italia, etc.: G. Grablovitz, III. 69 †; V. 279 †
- Pêcheres de la Vénétie: J. Nourse, XIV. 675 †
- Physical geography of Italian and Balkan peninsulas: F. Nerad, XIV. 224 †
- Pianta topográfica di Firenze di Don Stefano Buonsignori: J. del Badia, XVIII. 226 †
- Pilgrimage to Italy: J. Smith, XII. 624 †; XV. 546 †
- Popolazione del Regno d'Italia: E. Raseri, XIX. 228 †
- Probabile sollevamento della costa calabrese: G. de Stefano, XX. 552 †

ITALY

Italy—continued.

- Produzione dell' acido borico . . . in Italia: C. de Stefani, XVI. 571 †
- Province d'Italia: L. F. de Magistris, XIII. 210 †, 556 †
- Province d'Italia: S. Corti, II. 472 †; IV. 185 †; V. 279 †
- Reiskultur in Italien: E. Husmann, VII. 108 †
- Società Italiane all' estero, XII. 331 †
- Storia della cartografia marchigiana: O. Marinelli, XVI. 572 †
- "Strapellini" di Plinio: G. Grasso, VIII. 648 †
- Sul Rubicone: E. Rosetti, XVIII. 632 †
- Termini geografici dialettali: O. Marinelli, XVIII. 103 †
- Toponomastica di Velletri: G. Crocioni, XVIII. 632 †
- Tracce glaciali negli Abruzzi: K. Hassert, XVI. 485 †
- Trade, XVI. 244 †; Trade and Agriculture, 1900 (F. O. Rep.), XVIII. 321 †; Southern, XVI. 244 †; XVIII. 103 †; British, XIII. 556 †
- Union of Italy, 1815-1895: W. J. Stillman, XII. 624 †
- Ustica: Archduke Ludwig Salvator, XII. 625 †
- Vie romane della Romagna: E. Rosetti, XV. 189 †
- Volcanoes and mineral springs, X. 433
- Voyage de François Vinchant: F. Hachez, XI. 88 †
- Wissenschaftlichen Landeskunde von Italien: T. Fischer, X. 338 †
- Cartography, etc.—
- Carta della Mortalita per infezione Malaria: E. Raseri, VI. 194 †
- delle Strade Ferrate Italiane, IX. 470; XV. 677 †
- d'Italia (Ist. Geogr. Militare), † I. 573; III. 538; IV. 477; VIII. 655; XI. 326, 463; XIV. 348; XVI. 135; XX. 475; Do., Lavori . . . per la: B. de Benedictis, X. 451 †
- geologica del Regno: N. Pellati, X. 452 †
- idrografica del Fiume Sele, IX. 470 †
- Carte d'Italia del secolo XV., etc.: A. Mori, X. 452 †
- Carte d'Italie: A. Mori, XVIII. 321 †
- Carte magnetiche d'Italia, etc.: P. Tacchini, V. 279 †
- Cartografia italiana: A. Botto, X. 452 †; Do.: F. Porena, IV. 185 †
- Government Surveys, I. 286 †
- Mediaeval Charts—Italienische Seekarten des Mittelalters, etc.: E. Steger, IX. 114 †; Do., Kleine Seemeile auf den: H. Wagner,

ITALY

Italy—continued.

- XVII. 80 §, 217 †; Origin of: Id., IX. 114 †
 Special political map: G. E. Fritzsche, I. 383 †
 Triangolazioni principale d'Italia: G. Vitale, XVIII. 227 †
 Verteilung der Erdbebenhätigkeit nach M. Baratta: G. Gerland, XIX. 244 †
 Geography—
 Catalogue of geographical works: F. Cardon, I. 283 †
 Geografia di casa nostra: B. Frescura, IX. 573 †; Do.: C. Giordani, VIII. 648 †
 Geografia e la Carta Agronomica d'Italia: O. Marinelli, XVIII. 321 †
 Geografi italiani all' estero: C. Bertacchi, XIV. 237 †
 Geographical Congress, at Rome, VI. 480; Do. Second: L. F. de Magistris, XI. 576 †
 — Society's publications, changes in, V. 276
 Glossario geografico dell' Italia del Medio-evo: G. dalla Vedova, X. 452 †
 Problemi della Geografia d'Italia: C. Porro, XVIII. 632 †
 Recenti Lutti della Società Geografica Italiana: G. dalla Vedova, XII. 104 †
 Handbooks, etc.—
 Baedeker's, † I. 563; IX. 233; XIII. 556; XV. 293, 434
 Guide (Macmillan & Co.), XIX. 228 † 366 §
 Handbook for travellers in C. Italy: H. H. Jeaffreson, XVI. 483 †
 Umbrian Towns; Grant Allen's historical guides: J. W. and A. M. Cruickshank, XIX. 394 †
 Lakes, etc.—
 Aggrupamenti principali dei laghi Italiani: O. Marinelli, V. 86 †
 Annali Idrografici, XVI. 362 †
 Bathometrie der Italienischen Seen: G. de Agnostini, XIX. 394 †; Stato degli studi batometrici: Id., XIV. 441 §, 454 †; XVIII. 226 †
 Catalogo dei laghi italiani: O. Marinelli, XI. 192 †; Aggiunte e correzione al, XVII. 207 †
 Grandi laghi pleistocenici delle falde del Vulture: G. de Lorenzo, XIII. 556 †
 Laghi Euganei: G. Stegagno, XVIII. 103 †
 Orta, Dati morfometrici sul Lago d': G. Halbfass, XVIII. 226 †; Il lago d'Orta: G. de Agostini, IX. 677 †
 Profili batometrici dei laghi Briantei e del lago del Segrino: S. Crotta, IV. 469 †

IVORY COAST

Italy—continued.

- Seenforschung in Italien: W. Halbfass, VII. 108 †
 Sesse nei Laghi italiani: O. Marinelli, XIX. 522 †
 Studi limnologici italiani: C. Battisti, XIV. 111 †; Do., dei laghi italiani, etc.: D. Vinciguerra, X. 452 †
 Itamba and Itende, volcanic lakes, C. Africa, V. 115
 Itasca lake, N. America, V. 285
 — State Park, Report of Commissioner, VI. 197 †
 Itawa country, C. Africa, VII. 372
 Ithaca, Excursion to: E. Seillière, I. 467 †
 Ithera, Arabia, XX. 621
 Itumbiri river: see Loika
 I Tung Chu, Manchuria, II. 449
 Ivanof, A.: Déclinaisons de 14 étoiles employées, etc., XI. 205 †; Variations des latitudes . . . de Poulkovo, V. 396 †
 Ivanoff: Explorations in Pamirs, VIII. 258; Siberian, VII. 545
 — and M. Batsevich: description of Sikhota-alin, XIX. 215
 Ivanovsky, A.: Mt. Ararat, XI. 196 †; Mongolei, Ethnographische Skizze, VII. 111 †
 Ivchenko, A.: Observations in S. Urals, XX. 121 †
 Ivens, C.: L'Afrique australe et la colonisation néerlandaise, VII. 215 †; L'Angola méridional, XIII. 321 †
 — R.: biography, XI. 689 †; obituary, XI. 444
 Iveti mts., E. Africa, IV. 302
 Ivory; export from Africa, V. 273; Trade in 1895, VII. 435
 Ivory Coast, IV. 458
 Colonie de la Côte d'Ivoire: H. Pobéguin, VI. 498 †
 Côte d'Ivoire: F. J. Clozel, XIV. 459 †
 —: Capt. Thomasset, XVI. 104 §, 124 †
 —, notice historique: F. J. Clozel, XV. 297 †
 —, son avenir: G. Westphal, XII. 434; XIII. 92 †
 Exploration—A la Côte d'Ivoire: La Sassandra: M. G. Thomann, XIX. 399 †; De la Côte d'Ivoire au Soudan: E. Hostains, XVI. 348 §, 368 †; Exploration et captivité chez les Gouros: J. Eyssérie, XVI. 251 †; Eyssérie's journey, X. 442; French explorations, XIV. 210; Marchand's mission, VIII. 177; Mission du Lieut. Dromard: N. Noll, XVIII. 109 †; Mission scientifique à la Côte d'Ivoire: J. Eyssérie, XV. 194 †; Monnier's journey, IV. 458; Voyage d'exploration: J. Eyssérie, XIII. 92 †; Woelffel's exploration, XVII. 306; Woelffel's Reisen im Hinterlande: Singer, XVIII. 329; † see also Africa, French West

IVORY COAST

Ivory Coast—*continued*.

- Exposition Universelle de 1900, La Côte d'Ivoire, notice: P. Mille XVII. 92 †
 Französische Kolonie Côte d'Ivoire: E. Friedrich, XVII. 91 †
 Haute Côte d'Ivoire occidentale: M. van Cassel, XIX. 233 †; XX. 246 †
 Jonction des lagunes d'Assinie et de Grand-Bassam: M. Clozel, XX. 246 †
 Maps—Carte de la Côte d'Ivoire: A. J. Bourdariat, XIX. 413 †; Do.: H. Pobegu, VIII. 540
 Notes sur la Côte d'Ivoire, XIII. 562 †
 Populations anthropophages du Cavally: D'Ollone, 399 †
 Port et chemin de fer de la Côte d'Ivoire: Houdaille, XVI. 580 †
 Surveys: Dromard, XVII. 661
 Ivory glacier, Spitzbergen, IX. 359, 366
 Iwasaki, C.: Relation between geology and geography, XIII. 100 †
 Iwo-ga-shima, Luchu Is., V. 292
 Iwo-zan: *see* Tori-shima
 I-Wu, Shan States, XIV. 380; tea district, XV. 486
 Ixtaccihuatl, Mexico, VIII. 140; Ascents of Ixtaccihuatl and Popocatepetl, letters from W. A. B. Coolidge and H. T. Munro on, VIII. 304; letter from A. Heilprin on, IX. 100; O. C. Farrington's observations, XI. 553
 Izena-shima, V. 295
 Izlaz-Tachtalia rocks, Danube, VIII. 604

J.

- Ja river, W. Africa, X. 441; XIV. 445; XVIII. 535; XIX. 219
 Jaap, W.: Marokko, XIX. 657 †
 Ja-chu river, XIX. 587
 Jack, R. L.: Aboriginal cave-drawings on Palmer goldfield, VIII. 193 †; Artesian water in State of Queensland, XX. 248 †, 672 †; Do. in Western interior of Queensland, VI. 198 †, 394 †; Exhibits in Queensland Mining court, XI. 456 †; From Shanghai to Bhamo, XIX. 249 †; Geological features of . . . transcontinental railway, XIII. 684 †; Geological map of Charters Towers gold-field, IV. 95 †; Do., of Queensland, XIV. 469 †; Meridionalan hills of Cape York Penins., X. 231 †; Notes on traverses of Bunya Bunya range, etc., XI. 456 †; Photographs of Yangtse valley and Sechuen, XVI. 500; XVII. 332; Present condition of Hodgkinson goldfield, IX. 580 †; Queensland Department of Mines, Report, XIII. 326 †; remarks on "Artesian water-supply of Australia," XIX. 575; Stratigraphical notes on Georgina Basin, etc., VII. 446 †
 Jackal, H.M.S.: Report on physical investigations carried out on board: H. N. Dickson, V. 397 †.

JAEGER

- Jackson, F. G.: Polar Explorations, I. 360; II. 13, 463, 483; III. 492; IV. 10, 177, 275, 365; V. 173; VI. 19, 387, 475; VIII. 12, 74, 402; meeting with F. Nansen, VIII. 557, 564; return, X. 445
 A thousand days in the Arctic, XIV. 122 †
 Jackson-Harmsworth Polar expedition: A. M. Brice, VIII. 543 †; IX. 344 †; XI. 205 †; Do.: F. G. Jackson, IV. 141 †; Do.; account of first winter in Franz Josef Land: A. Montefiore, VI. 499 †; remarks by Sir A. Harmsworth, IV. 147
 The great frozen land, VI. 293 †
 Three years' expedition in Franz Josef Land, 113 †, 457 †
 ——— and V. Harley: Experimental inquiry into scurvy, XV. 676 †
 ———, H. M.: Surveys in Bret country, II. 153
 ———, J.: legacy to R.G.S., VI. 381; obituary, VI. 390; Photographs of France, Switzerland, etc., V. 192; of S. France, II. 384; III. 356
 ———, J. H.: Niger river and territories, IX. 463 †
 ———, J. R.: Vegetable resources of W. Africa, XX. 357 †
 ———, S.: Arctic cruise of the *Bear*, VII. 447 †; on Introduction of reindeer into Alaska, XVII. 76
 Jackson's I., IX. 486
 Jacob, L.: Vallée du Niari-Kouillon, V. 182 †
 ———, S. S.: Water-supply of Jeypore, IV. 376 †
 Jacobi, A.: Biogeographische Gebiete, XVII. 97, 537 §
 ———, H.: How to calculate the lagna, XVI. 703 †
 Jacobs, H. S.: Region aurifera de la Alta California, XIII. 565 †
 ———, J.: The mean Englishman, XIV. 332 †; Story of geographical discovery, XIII. 220 †
 Jacottet, E.: Mœurs, coùtumes, etc., des Ba-Souto, X. 340 †
 Jacqmin, L.: Macao, XIX. 396 †
 Jaquet, J. B.: Notes on gold dredging, etc., XIII. 218 †
 Jadart, H.: Limite occidentale du département des Ardennes, etc., XX. 665 †
 Jade trade in Khotan, VII. 456; Jade-mines district, E. S. Carey's report, X. 325
 Jäderin, E.: Nivåsextant, konstruerad för Andrees polar-ballong, XII. 545 †; base-measuring apparatus, XX. 626; Do., A. Bonsdorff on, I. 556; Jäderin'sche Basis: S. Truck, XIV. 232 †
 Jaeger, G.: Researches and discoveries of problems of Nature, X. 123 †
 Jaeger, H.: Kamerun und Sudan, I. 566 †
 ———, J.: Das Bozener Land, XIX.

JAFAR

- 391†; Innthal bei Kufstein und die Eiszeit, XIV. 221†; Steinach am Brenner, XVI. 483†
- Jafar Bai tribe of Turkomans, X. 574
- Jaffa and Jerusalem Railway: S. Merrill, I. 565†; Report, J. Dickson, II. 563†
- Jaffré, P.: *Courant et position exacte d'un navire par un seul point*, XII. 103†
- Jagga land—Anthropologisches . . . aus dem Dachaggalande: A. Widenmann, XV. 82†
- Jaggarr, A.: Field notes of a geologist in Martinique and St. Vincent, XX. 470†; Some conditions affecting geyser eruption, XII. 103†
- Jago: Agriculture and natural resources of Tripoli, XVII. 450†; Trade and economic state of Tripoli during past forty years, XX. 542§, 669†
- Jagor, F.: biography, XVI. 705†; obituary, XV. 430
- Jahn, A.: on derivation of Hadramut, XVII. 72
- Jaikun river, VIII. 52
- Jajec, die alt Königsstadt Bosniens: M. Bräss, XIV. 329†
- Jakali fort, Maskat, X. 612
- Jakati river, New Guinea, Exploration of, X. 444; News von de Jakati-rivier: D. W. Horst, X. 341†
- Jakobsen, J.: Shetlandsøernes Stednavne, XX. 241†
- Jakobsstab, Der: A. Schüek, II. 111†; als Hilfsmittel geogr. Ortsbestimmung: S. Günther, XI. 572†; see Cross-staff
- Jakri tribe, W. Africa, I. 123, 127
- Jakun, or Sakai people, Johore, III. 285
- Jalat village, Tibet, XV. 150
- Jalhay, H.: République de Honduras, XIII. 458†; République de Nicaragua, XV. 442†; see Nuñez, R.
- Jaluit, Klima von: Steinbach, V. 285†; Meteorologischen Beobachtungen in, IX. 343†; Langhans' note on, II. 554
- Jalwar, inscriptions at, X. 223
- Jamaica—
- Cartography of: F. Cundall, IX. 683†
- Economic geology of: F. C. Nicholas, XV. 85†
- Finances and government of, XVI. 372†; XVII. 94†
- Geographical distribution of Actinaria of: J. E. Duerden, XII. 218†
- Geology of: R. T. Hill, XV. 441†; Do. and physical geography of: Id., XV. 442†; XVI. 354§
- Handbook: S. P. Musson and T. L. Roxburgh† III. 440; VI. 97; VII. 566; X. 457; T. L. Roxburgh and J. C. Ford,† XII. 437; XIII. 682; XVI. 127; XVIII. 336; XIX. 776; Do. for settlers, IX. 343; XIX. 530†
- Jamaica: F. Cundall, VII. 335†
- : H. T. Thomas, XIX. 776†
- and W. India Mail Service: J. Rhodes, XIX. 776†

JAN MAYEN

Jamaica—continued.

- Jamaica, with remarks on other W. Indian islands: A. G. Nash, XV. 441†
- Journal of Institute of, VII. 681†
- Late formations . . . in Jamaica: J. W. Spencer, XII. 437†
- Photographs: A. Swinton, X. 563
- Public finance and resources, XIV. 341†
- Reports (Colonial), I. 462§; XIII. 217†; XV. 85†, 669†; XVI. 355§; XVIII. 336†
- Stark's Jamaica Guide, XIII. 95†
- West Indian Island, A: Sir H. W. Norman, VII. 335†
- Jambalu tribe, C. Africa, V. 441
- Jambon, C.: Le Sikkim, VIII. 650†
- Jam-bulak glacier, Mustagh mts., VI. 353, 358
- James, B. B.: Labadist colony in Maryland, XIV. 584†
- , E. C. F.: State of Kara Sea and F. Nansen's expedition, II. 555
- , J. A.: Constitution and admission of Iowa into the union, XVI. 490†; English institutions and the American Indian, IV. 579†
- James bay, Hudson bay, X. 8
- , E. C. F.: Potomac valleys, Archaeologic investigations in: G. Fowke, VI. 489†
- Jameson, J. M.: Climate of New York State, X. 122†; Teaching elementary meteorology, XI. 688†
- Jameson's Land, Greenland: Animal life in, I. 45
- Jamieson: Journey from Hong-Kong to Ssümao, XII. 539†
- , G.: Silver question, VI. 200†
- Jamieson river, W. Africa, I. 125
- Jammu and Kashmir, Routes in: Marquis de Bourbel, XI. 567†; XII. 521§
- Jämtland—Centraljämtska issjön: G. Andersson, IX. 678†
- Jandak, Persia, VII. 32, 166
- Janes, E.: Englishwomen's year book, XV. 448†
- Janina, Albania, III. 325
- Janissa, mt., Somaliland, XVI. 605
- Janjam tribe, VIII. 222
- Jankó, J.: Ethnographic researches in Siberia, XVI. 347; Ethnography of S.E. Hungary, IV. 59; Land und Leute des Comitatus Arad, VII. 561†; obituary, XX. 461; Ungarische (Székler-) Bevölkerung von Torda, etc., III. 529†
- Jan Mayen I., XIV. 535; XVII. 627
- Account of: H. Mohn, I. 88†
- En nat paa: C. Ostenfeld, XIII. 96†
- Flora der insel Jan Mayen: P. Dusen, XVIII. 555†; XIX. 531†
- Jan Mayen and Spitzbergen: M. C. Rabot, III. 75†; Expedition to, I. 171
- Voyage of *La Manche* to: Capt. Bien-aimé, etc. IV. 380†

JANNASCH

- Jannasch, R.: Das deutsche Exportmusterlager, IX. 469 †; Karte von Südbrasilien, XIX. 115 †
- Janneseu, G.: Rațiunea geologică a principalelor alinamente geografice, VII. 107 †
- Jannicke, W.: Die Entdeckung Amerikas in ihren Einflüsse auf . . . Pflanzenwelt in Europa, II. 567 †
- Jansen, H.: Müggelberge, Müggelsee, etc., X. 547 †
- , M. H.; obituary, II. 465
- Janssen, J.: Observations at summit of Mont Blanc, X. 118 †; Observatoire du Mont Etna, XVI. 572 †; Progress of observatory on Mont Blanc, I. 23; Travaux . . . à l'observatoire du Mont Blanc, VIII. 647 †; XV. 188 †; Troisième ascension du Mont Blanc, VII. 448 †
- Janssens, E.: Participation des Néerlandais à la découverte de l'Australie, XVI. 127 †
- Japan** (*see also* East, The)—
- Alcock, Sir R., work in, X. 645
- Archiv zur Beschreibung von Japan: P. F. von Siebold, IX. 460 †
- Bibliography of: F. von Wenckstern, V. 507 †
- Dai-Nippon: I. Hitomi, XVII. 88 †
- Dreißig Jahre in Ost-Asien: M. von Brandt, XIX. 231 †
- Dictionary, Chinese-Japanese, J. H. Gubbins, I. 473 †
- Exploration in Japanese Alps, 1891-4: W. Weston, VII. 125 †; Mountaineering in Japanese Alps: W. Weston, III. 57; VI. 486 †; IX. 237 †
- Fauna, Land, VII. 136; Fish fauna of: D. S. Jordan, XIX. 231 †
- From Sunrisedland: A. C. Wilson, IV. 486 †
- General index to transactions of Asiatic Society of Japan, VI. 396 †
- Handbook for Travellers: B. H. Chamberlain and W. R. Mason, V. 507 †; XV. 80 †
- Harbours of: T. Nasa, XI. 451 †; XIV. 115 †
- Heart of: C. L. Brownell, XX. 667 †
- Holiday in: J. W. Heywood, XIX. 231 †
- Identification of, with Zipangu, III. 403; IV. 270, 276
- Imperial University of Japan, Calendar, V. 405 †
- Japan, a forecast: J. Morris, XII. 96 †
- and China, some comparisons: H. Webster, XVII. 550 †
- as we saw it: M. Bickersteth, II. 89 †
- Mission of Church Missionary Society, XII. 96 †
- Japanese landscape: C. MacCauley, VII. 441 †

JAPAN

Japan—continued.

- Japanische Reise um die welt: K. Tamai, VII. 225 †
- Luchu, intercourse with, V. 306
- Marine Japonaise: V. de Laguerie, XVII. 320 †
- Mein Besuch in Japan: A. Diósy, XVII. 88 †
- New Far East: A. Diósy, XIII. 213 †
- Photographs of natives and scenery: J. Milne, I. 288; W. Weston, VI. 204
- Picturesque Japan: A. Marischal, III. 531 †
- Problems of the Far East: Lord Curzon, V. 281 †; VII. 440 †
- Promenades japonaises et coréennes: D. Lievre, XIV. 225 †
- Railway system in: F. H. Trevithick, V. 507 †; Mittheilungen aus dem Eisenbahnwesen, etc.: F. Baltzer, XVIII. 106 †
- Reading list on Japan: H. K. Gay, XIV. 353 †
- Round Fuji to the Ice caves: D. S. Thistlethwayte, XVII. 89 †
- Scenery, V. 303
- Une été au Japon boréal: M. Ribaud, XI. 90 †
- Verkehr Japans mit dem Auslande: S. Tanaka, VII. 563 †
- Vertreibung der Portugiesen aus Japan: L. Riess, XIII. 678 †
- Voyage of *Saris* in 1613; ed. Sir E. M. Satow, XVII. 209 †
- War with China—Der Schauplatz des Krieges zwischen Japan und China: Baron von Richthofen, V. 87 †
- Cartography—**
- Carte des Missions catholiques au Japon: A. Launay, XII. 333 †
- Early cartography of Japan: G. Collingridge, III. 403 †; Japan or Java? (Answer to Mr. Collingridge's article): F. G. Kramp, IV. 85 †; 270; letter from H. Yule Oldham, IV. 276
- Japanese survey map of Korea, XIV. 468 †
- Map of Japan (Japanese Government), XVIII. 117 †
- for Tourists (Welcome Society of Japan), XIV. 238
- Ethnography, etc.—**
- Ainu words as illustrative of customs, etc.: J. Batchelor, X. 455 †
- Art of casting in bronze in Japan: W. Gowland, VI. 295 †
- Chinese refugees in Mito: E. W. Clement, X. 455 †
- Dolmens and burial mounds: W. Gowland, XI. 451 †; Dolmens of Japan and their builders: W. Gowland, XIV. 580 †
- Essai sur l'architecture japonaise: F. Leveux, VII. 330 †

JAPAN

Japan—continued.

- Fortentwicklung . . . des japanischen Kunstgewerbes : J. Rein, VII. 441 †
- Japanese—character, IV. 559; hospitality, VII. 138; superstitions, VII. 141
- Grammatik der Japanischen Umgangssprache : A. Seidel, XIX. 396 †
- Influence of Greco-Persian art on Japanese arts : J. Dooman, X. 455 †
- Japon historique et artistique : M. Ribaud, XIV. 115 †
- Music of Japan : L. Smith, V. 88 †
- Origin of Japanese race : T. Dooman, XIV. 679 †
- Population of Japan : G. Droppers, V. 507 †
- Sprichwörter . . . der Japanischen Sprache : P. Ehmann, X. 550 †; XI. 312 †; XIV. 335 †
- Physiography—
- Archæan formation of Abukuma plateau : B. Koto, I. 469 †
- Bradyseismical movements, VII. 232
- Climatological division : G. Kakagawa, XIV. 679 †
- Contribution to geology and geography of Japan : E. Naumann, II. 562 †
- Crater of Shiranesan, etc. : E. Neumann, II. 572 †
- Earthquake of 1891 : C. Davison, IX. 460 †; XVII. 635 *; XVIII. 637 †; Great earthquake, III. 213 *; Cause of : B. Koto, II. 473 †; Grosse japanische Erdbeben im nördlichen Honshu, 1896 : N. Yamasaki, XVII. 320 †; Grosse Riku-u-Erdbeben (map) : N. Yamasaki, XVII. 568 †; Recent earthquake-wave on coast of : E. Seidmore, VIII. 650 †; Seebeben von Kamäishi : J. Rein, IX. 460 †; (Map) IX. 471 †; Submarine earthquake off Japan, IX. 443
- Earthquakes, Distribution of : O. Davison, X. 530 *; Do. A. Supan, I. 477 †; Earthquake Investigation Committee, Catalogue : S. Seliya, XV. 664 †; Publications, XVI. 578 †; XVII. 88 †; Earthquake measurements at Miyaka : F. Omori and K. Hirata, XV. 80 †; Earthquakes and volcanoes, VII. 235; Erdbebenforschung in Japan : N. Yamasaki, XIX. 231 †; Notes on earthquakes : F. Omori, XV. 664 †; Seismological Society, VII. 239; Seismological work, J. Milne on, I. 161; Seismology, Milne's Journal of, II. 174
- Eruption of Adatara volcano, etc. : N. Kanahara, XX. 123 †
- Eruption volcanique au Japon : D. Lièvre, IX. 460 †
- Fissures in mountainous land of

JARINTZOFF

Japan—continued.

- Minami Komagori : K. Jimbo, X. 456 †
- Geologic structure of Japan : T. Ogawa, XIV. 580 †
- Great sea-waves in Japan : J. Milne, VIII. 157 †
- Luftströmungen in Japan : E. Knipping, VII. 441 †
- Mountain systems, VII. 126
- Precipitation in Japanese islands : G. Nakagawa, XX. 243 †
- Volcanoes of Japan : J. Milne and W. K. Burton, I. 375 †
- Trade and Industry—
- Ashio Copper Mine : T. Suzuki, XIII. 90 †
- Bamboos, Cultivation of : Sir E. Satow, XVI. 578 †
- Commercial Development of Japan : O. P. Austin, XIV. 580 †
- Expansion of Japan : H. Tennant, IX. 237 †
- Japan in 1899, XVII. 550 †
- Développement économique du Japon : J. Franconie, XI. 568 †; M. Pila, X. 549 †
- et social du Japon : A. Siegfried, XVIII. 325 †
- Foreign trade (Foreign Office Ann.), XII. 629 †; XIV. 580 †; XIX. 654 †
- Industrial and commercial development of Japan : J. Troup, VII. 678 †
- Montanindustrie Japans, XII. 432 †
- Otsuji coal-fields in Onga : T. Suzuki, XIV. 580 †
- Petroleum industries at Nagasaki : H. B. Newell, VII. 441 †
- Silk industry, VII. 139
- Statistique du Japon : L. Vacher, XII. 324 †
- Trade (Foreign Office Rep.), XVI. 346 §, 577 †; XVIII. 25 †
- with Japan, China, and Hong-Kong : F. H. Hitchcock, XVIII. 229 †
- Whale-fishing in : K. Möbius, III. 437 †
- Japan, Sea of; Marine fauna, M. Schmidt on, XVIII. 213
- Japura : see Yapura
- Jaquet, J. B. : Geology of Broken Hill lode and Barrier ranges, IV. 380 †; Iron ore deposits of N.S.W., XIX. 94 §, 237 †
- Jarabub, oasis, XI. 667
- Jaray, G. L. : Les nationalités en Autriche-Hongrie, XX. 349 †, 665 †
- Jardine, Sir J. : Br. N. Borneo, XIV. 115 †
- Jared Sparks and Alexis de Tocqueville : H. B. Adams, XIV. 340 †
- Jarintzoff, D. T. : Construction of military outpost at Libau, IX. 336 †

JARNEFELT

- Järnefelt, A.: *Astronomo-geodeetisest työt Suomessa 1865-1875*, XX. 351 †
Jason, Die Reisen des, und der *Hertha* in das Antarktische Meer, 1893-4, VI. 99 †; Voyage of the *Jason*, abstract of journal by Capt. C. A. Larsen, IV. 333 *
Jason, mt., Arctic, IV. 337
Jatoba river, S. America, X. 215
Jaujac, Coupe de: T. Anderson, XIX. 392 †
Jaunpur, Shargi architecture of: A. Führer, I. 469 †

Java—

- Anniversary address, Java: Hon. W. Allan, XIV. 115 †
 Auf Java und Sumatra: K. Giesenhagen, XIX. 769 †; XX. 442 §
 Brieven . . . van der Capellen over Dipangara's apstand: P. van der Kemp, IX. 237 †
 Cartography of Java, Early, III. 406; IV. 270, 276; XIV. 422, 424
 Conquest of Java: R. G. Burton, XIX. 654 †
 De Garèbég's te Ngajogyakartâ: J. Groneman, VII. 212 †
 Economische oorzaken van den Javaoorlog: P. van der Kemp, IX. 339 †
 21 Jahre in Indien: Erster Theil, Borneo, Zweiter Theil, Java: H. Breitenstein, XVI. 697 †
 Exploration, Koch's, XV. 286
 Facts and fancies about Java: A. de Wit, XVI. 123 †
 Geographical notes: XII. Shang-po, Djarâ: G. Schlegel, XV. 80 †
 Geographische Beschrijving van het Janggebergte: J. H. F. Kohlbrugge, XI. 313 †
 Geologie von Java: R. D. M. Verbeek, XI. 452 †; Description géologique de Java et Madoura: R. D. M. Verbeek et R. Fennema, IX. 575 †, 662 §
 Häfen an der Nordküste von: A. Hegemann, XI. 451 †
 Industries of Java: A. de Dors, I. 375 †
 Inlandsche Gemeentewezen op Java en Madoera: L. W. C. van den Berg, XVII. 551 †
 Java: R. A. Eekhout, II. 473 †
 — et le Congo au point de vue colonial: J. Leclercq, X. 461 †
 —, Nordküste, XV. 549 †
 —, the Garden of the East: E. R. Seidmore, XI. 313 †
 Javaansch sprekende bevolking in de Preanger-Regentschappen: R. A. Kern, XVII. 551 †
 Kaffee . . . und Thee-Culturauf Java: E. Fürst, XII. 432 †
 Kustvormen op Java: J. F. Snelleman and J. F. Niedermayer, VI. 194 †
 Malaria auf der Insel Java: F. Kronecker, IX. 461 †
 Maps—Geologische . . . und Vulkan-Karte von: R. D. M. Verbeek und R.

JEFFERSON

Java—continued.

- Fennema, XI. 463 †; Java op en Schaal van 1: 950,000: I. Dornseiffen, IX. 690; Regenkarte van Java: J. P. van der Stok, XVI. 697 †; see Cartography, above
 Meteorologische Beobachtungen zu Tosari: J. Kohlbrugge, XIV. 225 †
 Oude woningen in de stad Batavia: H. D. H. Bosboom, XIII. 678 †
 Over Boro-Boedoe: J. W. Ijzerman, XIV. 679 †
 Reise durch Javas: Fürst, XI. 313 †
 Residentie Bantam; Plaatsbeschrijving en bevolking: W. van Gelder, XVII. 209 †
 Restes de la civilisation Hindoue à: J. Leclercq, XI. 451 †
 Ruinen van Panataran: J. A. de la Porte en J. Knebel, XVII. 209 †
 Sejour dans l'île de Java: J. Leclercq, XI. 451 †
 Six weeks in: Sir H. Collett, IV. 188 †
 Trade: Foreign Office Rep., XII. 432 †; XIV. 580 †; XVI. 578 †; XVIII. 638 †; XX. 556 †
 Triangulation von Java: J. A. C. Oudemans, VI. 487 †; X. 120; XVIII. 549 †, 638 †
 Van oud-Batavia, losse mededeelingen: J. Brandes, XVIII. 230 †
 Uitbarsting van 1593: Raun of Ringgit? F. J. Niermeyer, XIX. 654 †
 Visit to Java: W. B. Worsfold, I. 279 †
 Visite à l'île de Java: E. Gallois, XII. 629 †
 Volcanoes, IX. 662; Volcans de Java: E. Gallois, XIII. 454 †; J. Leclercq, XI. 451 †; XV. 549 †
 Von Javas Feuerbergen: F. Kronecker, IX. 237 †
 Vulkan Idjen in Besoeki: J. F. Niermeyer, XVII. 209 †
 Javary river, Amazons: see Yavari
 Javelle, E.: Alpine memories, XV. 676 †
 Jay, E. A. H.: Glimpse of the Tropics, XV. 442 †
 Jeaffreson, H. H.: Handbook for travellers in C. Italy, XVI. 483 †
 —, J. R.; Faroe Is., XI. 191 †; on expedition to Novaya Zemlya, V. 84
 Jean-François de la Roque, Seigneur de Roberval: N. E. Dionne, XVII. 327 †
 Jeanneret, P.: Les Ma-Khoça, VII. 563 †
 Jeannette, Polar voyage of, I. 6; Examination into the genuineness of the relics, Report by Special Committee, VIII. 423 †; So-called "Jeannette Relics": W. H. Dall, VII. 566 †
 Jeans, G.: Handbook for travellers in the I. of Wight, XIV. 113 †
 Jebba, W. Africa, VI. 208
 Jebel: see specific heads; Bahr-el-Jebel: see s.v.
 Jebel, town, W. Africa, XIV. 180
 Jefferson, R. L.: New ride to Khiva, XV.

JEFFERSON

- 449 †; Awheel to Moscow and back, VII. 328 †; Roughing it in Siberia, XI. 197 †
- Jefferson, M. S. W.: Atlantic coast tides, XIII. 566 †; Atlantic estuarine tides, XIII. 94 †; Beach cusps, XIV. 232 †; Cæsar and central plateau of France, XIII. 675 †; Post-glacial Connecticut at Turner's Falls, XIII. 216 †; What is the tide of the open Atlantic? XIII. 328 †
- Jeffery, W., and L. Becke: Naval pioneers of Australia, XIII. 683 †
- Jehol, N. China.—Beschreibung des Jehol-Gebietes: O. Franke, XX. 122 §; Reise nach Sehehol: K. Nishiwada, XIX. 652 †
- Jekelfalussy, J. de: L'Etat hongrois millénaire et son peuple, IX. 232 †; Millennium of Hungary, IX. 457 †
- Jekrid, etc., of Warri district: R. K. Granville and F. Roth, XIII. 560 †
- Jelunga, trade routes from, VI. 419
- Jelu Dagh, Kurdistan, XVIII. 134, 136
- Jema, position of, XVII. 74
- Jemal, Wadi, Egypt, I. 416
- Jemland, Kambrisch-silurische Faciesbildungen in: C. Wiman, XII. 94 †
- Jena, position of, IX. 647
- Jena-Agahan, Sokotra, XIII. 635
- Jenefa tribe, Arabia, VI. 110
- Jengger-gebiet, Nota betreffende het: H. M. la Chapelle, XIV. 580 †
- Jenkins, H. D.: Chart of Br. Columbia and Alaska, XIII. 464 †; Maps of Petshora Bay and Kara Sea; Gulf of Obi and River Yenesei, II. 479 †; Sailing directions for fiords of Iceland, X. 118 †
- Jenks, E.: History of Australasian colonies, VII. 336 †
- Jenné—Une ville du Niger, Dienné: G. Bastard, XVI. 250 †
- Jenner, A. C.: Expedition from Kismayu to Logh, XIV. 637
- Jennings, Major: on Bussorah, I. 268
- , A. V.: Courses of Landwasser and Landquart, XIV. 578 †; Geology of Bad Nauheim and its thermal salt-springs, XVI. 571 †
- Jennings-Bramly, W.: Attempt to reach C. Sudan, XII. 4; Journey to Siwa, X. 598; Do., from Farafra, XIX. 73 *
- Jenolan caves and Blue mts., XIV. 686 †
- Jenoudet: Monographie de la tribu des Righas, VIII. 531 †
- Jenson, J. A. D.: Danske arktiske Expeditioner, XI. 687 †
- Jeppe, F.: Map of S. goldfields of Transvaal, VII. 451 †; XV. 306 †; obituary, XIII. 78; Zoutpansberg goldfields, II. 213 *
- Jerash, V. 4
- Jerba I., XI. 581; L'Ile de Djerba: A. Vincent, IX. 240 †
- Jerf oasis, Morocco, V. 330
- Jerid country, Tunis, XI. 603, 606

JIMBO

- Jeringo, Malay Pen., IV. 226
- Jerome maps, XV. 138
- Jerrmann, L.: Der Unterlauf des Igitimi, etc., XII. 543 †
- Jerrold, W.: Survey, XVIII. 548 †
- Jersey, Countess of: Three weeks in Samoa, I. 471 †
- Jersey, Climate of: H. W. Yorke, XIV. 674 †
- Jerusalem—
- Discovery of "Whitty's Wall" at: J. T. Whitty, VI. 295 †
- Jerusalem illustrated: G. R. Lees, II. 473 †
- und Sinaipilger aus Zürich im 15 Jahrhundert, XIII. 570 †
- ancienne: T. Neville, XVI. 124 †
- Practical guide to Jerusalem and environs: E. A. Reynolds-Ball, XVIII. 326 †
- Site of Church of Holy Sepulchre: C. Schick, XII. 630 †
- Temperature of air, etc.: J. Glaisher, XII. 630 †
- and Jaffa, Trade (Foreign Office Rep.), XIV. 116 †
- Jervois, Sir W. D.: obituary, X. 446
- Jessett, M. G.: Key to S. Africa; Delagoa Bay, XIV. 682 †
- Jessopp, A.: Parish Life in England, XI. 309; XII. 203 †
- Jesup expedition to N. Pacific, IX. 568, X. 639; XIV. 96; Field work, XIV. 347 †; in N.E. Siberia, XIX. 215
- Jeviz Dere, Mysia, IX. 270; altitude, IX. 275
- Jewitt Daghi, Lake Urmi, XIV. 515
- Jews—
- Anthropologie der Juden, Ripley über die, XIV. 588 †
- History of: H. Graetz, VII. 339 †
- Jewish Colonies in Palestine: J. Prag, XII. 209 †
- Colonization Association, XIV. 688 †
- Jews in Morocco, V. 326
- Jeypore—Geological sketch of central portion of Jeypore Zemindari: T. L. Walker, XVI. 487 †; Water-supply of: S. S. Jacob, IV. 376 †
- Jezire, Kurdistan, III. 86
- Jhobu horned cattle of Tibet, XV. 153, 161
- Jibuti, port of, XV. 97; L. Henrique on, XVI. 227
- Railway to Harar: see Somaliland, French
- Voyage à Djibouti: M. Charmetant, XIV. 227
- Wickenburg's journey to Lamu from, XIX. 216
- Jidda, trade, II. 460
- Jigger, at Zanzibar, XII. 414
- Jimbo, K.: Geological observations in Liautung, XIII. 89 †; Place-names in Hokkaido, XIII. 90 †

JIMÉNEZ

Jiménez, J. V.: Los ferrocarriles de Chile, XVI. 585 †

— de la Espada, M.: C. F. Duro and F. de P. Martinez y Sáez, XIII. 687 †

— y Lluesma: Los ferrocarriles del Pirineo, VII. 677 †

Jimma country, Abyssinia, XX. 390

Jipe lake, E. Africa, IV. 429, 432

Jiriczek, O. L.: Die Färöer, I. 81 †; Nordische Ruinen in Grönland, III. 536 †

Jiu (Rumania), Sur l'histoire de la vallée du: E. de Martonne, XVI. 362 †

Joalland, Capt.: Autour du Tehad, XVI. 349; XIX. 528 †

Joanne, P.: Collection des Guides Joanne, Allemagne méridionale et Autriche-Hongrie, VIII. 527 †; Corse, XIII. 87 †; Dauphiné et Savoie, XI. 447 †; Egypte, XV. 297 †; Etats du Danube et des Balkans, VIII. 410 †; Grèce, VIII. 412 †; Itinéraire descriptif . . . de l'Orient, VIII. 310 †; Itinéraire général de la France, VIII. 411 †; XV. 188 †; Londres et ses environs, XII. 627 †; Normandie, XI. 447 †; Paris, VIII. 411 †; XVIII. 321 †; Une ascension en Asie-Mineure, IX. 337 †

Joanola, J.: Explorations in Fernando Po, IX. 222

João, on discovery of S. America, IX. 189

Jobit, Capt.: Le cours inférieur de la Likouala aux Herbes, XVII. 73 §, 91 †; L'exploration de la Likouala aux Herbes, XVII. 211 †; Surveys in Fr. Congo, XVII. 660

Joehelson, W.: Die Jukagiren in äussersten Nordosten Asiens, XVII. 448 †; Ueber die Sprache und Schrift der Jukagiren, XVII. 448 †; Vorläufiger Bericht über ethnographische . . . der Provinz Jakutsk, XII. 324 †

Joest, W.: Biography: R. Andree, XI. 323 †; Die letzte Ueberwinterung auf Spitzbergen, IX. 234 †

Jof—To Jof and Back: A. Forder, XX. 619 *

Joffre: Région de Tombouctou, VIII. 190 †

Jogan, R.: Madagascar en 1898 . . . XIV. 118 †

Johannes; ascent of Kilimanjaro, XIII. 195; expedition to Masai territory, VIII. 176; Geographische Angaben aus Ostafrika, XII. 325 †; visit to Lake Manyara, XIII. 70

Johannesburg—
Bi-Annual Report, etc., of Sanitary Committee: C. Aburran, VII. 215 †
Census, IX. 445

Johansen, H.: Nansen und ich auf 86° 14', XIV. 231 †

Johansson, K. F.: Det moderna Kastväsendet i Indien, XIII. 454; Hufvudragen af Gotlands, XII. 94 †; Om de fornturkiska inskrifterna från Orkhon och Jenissei, etc., VIII. 651 †; Om de

JOHNSTON

nyaste upptäckterna i Armenien, XVII. 675 †

Johns, P.: Coalfields of Colony of Cape of Good Hope, X. 551 †

Johns Hopkins glacier, Alaska, XIV. 527

Johns Hopkins University Studies, Representation in Virginia: J. A. C. Chandler, VIII. 312 †

Johnson, N.: Map of King Charles Land, XIV. 70, 71

Johnson, A.: Need of coast survey for Dominion of Canada, V. 182 †; Bearings of principal bright stars, etc., VII. 447 †; Great circle sailing made easy, XIII. 327 †; Handbook for star double-altitudes, XI. 572 †

—, G.: Canada's northern fringe, XVII. 555 †

—, H. M. W. P.: Compass correction, 459 †

—, H. T.: Betsilco, past and present, XVIII. 551 †

—, R.: Australia's first preacher: J. Bonwick, XII. 546 †

—, S. L.: Map of neighbourhood of Eastbourne, etc., III. 165 †

—, T.: Imperial Britain, XII. 626 †

—, T.: Irish peat question, XVI. 695 †; XX. 523

—, W. D.: Cloud Scenery of the High Plains, XIII. 565 †

—, W. E.: Method in geography, XVII. 456 †

Johnston, D. A.: remarks on "Fragment of geography of England," XV. 374; on "Twelve years' work of the Ordnance Survey," XV. 595

—, G. H.: Map of Africa, XVII. 329 †

Johnston, Sir H. H.: Africa, No. 6 (1894), V. 181 †; Br. C. Africa, IV. 189 †; X. 339 †, 410 §; Br. C. African Protectorate, V. 193 †; (Note to accompany Map), V. 219; England's Work in C. Africa, IX. 340 †; History of colonization of Africa by alien races, XIII. 419 §, 455 †; Journey through Tunisian Sahara, XI. 581 †; XII. 326 †; Nomenclature, etc., of Victoria Nyanza and Uganda, XVII. 305, 428; Notes on African subjects of special interest, XIX. 398 †; Preliminary report on Protectorate of Uganda, XVII. 191 §, 210 †; Problems of Empire, XX. 365 †; Protectorate of Great Britain in tropical Africa, XIX. 655 †; Recent journeys in Uganda Protectorate, XVII. 39 †; remarks on "Acclimatization of Europeans in tropical lands," XII. 602; on "Two years' travel in Uganda," etc., IX. 392; Report on Protectorate of Uganda, XVIII. 309 §, 331 †; on trade and general condition of Br. C. Africa, VIII. 530 †; on Tunis, XI. 549; Uganda Protectorate, XX. 328 §, 357 †; Do., Ruwenzori, and Semliki Forest, XIX. 1 †; Why I be-

JOHNSTON

- came an Explorer, V. 186 †; Work in Uganda, XVIII. 3
 Johnston, J.: Reality *v.* Romance in S. Centr. Africa, III. 498 §, 532 †
 ———, M. S.: Some Geological Notes on Centr. France, XVII. 543 †
 ———, T. B.: obituary, X. 446
 ———, T. N.: on work of Pullar Memorial Survey of Scottish lakes, XX. 525
 ——— and Parsons: Observations on a Seiche on Loch Treig, XX. 98
 ———, T. R.: Proposed great globe for London, VIII. 303
 ———, W. & A. K.: Atlas of India, III. 79 †
 Canada, Dominion of, XII. 550 †
 Commercial and Library Chart of the World, XI. 327 †
 Cycling and Automobile maps of London . . . and environs, XVIII. 116 †;
 Do. London and the North, XVIII. 557 †
 General Map of U.S.A. III. 442 †
 International Exhibition plan of Glasgow, XVIII. 244 †
 Klondike goldfields, XI. 463 †
 Lake Districts of England, Scotland, and Ireland, II. 191 †
 Map to illustrate Armenian question, VII. 342 †
 ——— the Ashanti expedition, VII. 121 †
 ——— Chinese question, XI. 463 †; XVI. 378 †
 ——— the Chitral expedition, V. 611 †
 ——— Niger and Upper Nile question, XI. 579 †
 ——— Siamese question, etc., II. 285 †
 Maps of Greece, Crete, etc., to illustrate the Eastern Question, IX. 585
 Modern map of England and Wales, XII. 332 †
 Naval League map, XII. 550 †
 Nubia and Abyssinia, VI. 573 †
 Our Empire Atlas, X. 235
 Pictorial bird's-eye map of Transvaal, etc., XV. 306 †
 Plans of Paris and the Exhibition, XVI. 135 †
 Railway map of England and Wales, VI. 492 †
 Royal Atlas of Modern Geography, † I. 191, 287, 478; II. 192, 286, 384, 480; III. 80, 167, 260; XI. 327; XVI. 498
 S. Africa, VIII. 199 †; Special map, XIX. 536 †; Do., Military operations, XV. 450 †
 Sweden, Norway, and Denmark, I. 286 †
 "Three Miles to Inch" Map of England, XIV. 468 †; Scotland, VI. 104 †; XII. 333 †
 Transvaal, etc., VII. 342 †; XIV. 469 †

JONQUIÈRE

Johnston—continued.

- Victoria Regina Atlas, IX. 351 †; XIX. 116 †
 War Map of Orange Free State, XVI. 136 †
 ———, U.S. and Spain, XI. 692 †
 World-Wide Atlas of Modern Geography, † V. 96; VIII. 200; XIII. 224; XVII. 101
 Johnston, W. S.: Photographs of Sierra Leone and the Gold Coast, XIV. 240
 ——— and Hoffmann; Photographs of Sikkim and Nepal, IV. 384
 Johnston-Lavis, H.: Notes on geography, etc., of Iceland, 483 †
 Johnstone, H. C.: obituary, VII. 209
 ———, Sir T.: My experiences in Manipur, etc., VII. 329 †
 ———, W.: From Canton to Mandalay, XI. 310 †
 Johore, State of, IX. 2; Johore: H. Lake, III. 281 †; Map compiled by H. Lake, III. 79 †
 ——— Bahru, III. 295
 Joinville I., Antarctic, II. 436
 Jokea people, New Guinea, XVI. 271
 Jol or Magad plateau, III. 202
 Jollien, A.: Au Congo, XI. 93 †
 Joly, J.: Circulation of salt and geological time, XIX. 238 †; Estimate of geological age of the earth, XVI. 588 †; Geological age of the earth, XVI. 373 †, 446; XVII. 563 †; On geological investigation of submarine rocks, XIV. 233 †; On inner mechanism of sedimentation, XIX. 532 †
 Jombini mts., E. Africa, I. 534; II. 367
 Jombo, height and position of, IV. 436;
 Capabilities of soil between Jombo and Ndea, IV. 432
 Jonasson, S.: Early Icelandic settlements in Canada, XVIII. 333 †
 Jones, J.: Thousand miles up the Amazon; XVI. 490 †
 ———, J. A.: Devonian iron ores of Asturias, Spain, XVI. 245 †; Waterworks of Madras Presidency, XV. 191 †
 ———, Sir J. H.: remarks on geography of N.W. frontier of India, XVII. 476
 ———, E. R.: "Shipping World" year book, IX. 469 †
 ———, R.: Notes on geology of W. Swaziland, XIV. 118 †
 ———, T.: Model of the earth, VI. 400 †
 ———, T. R.: Great glacial moraine of Permian age in S. Africa, XIII. 680 †
 Jonge, G. M. de, Relatorios e cartas de: J. Hygino, IX. 468 †
 Jongri, Himalayas, XIX. 471; hanging valleys of, XX. 23
 Jonin, A.: Durch Süd-Amerika, V. 91
 Jonker, J. C. G.: Bimancesch-Hollandst Woordenboek, VI. 201 †
 Jonquière, C. de la: Italiens en Eritrée, X. 178 §, 229 †
 ———, M. de: Note sur le Bois de Boulogne, XVII. 443 †

JONSONG

- Jonsong Ia, Kangehenjunga, XIX. 456
 Jordan, D. S.: Fish fauna of Japan, XIX. 231 †
 ———, and B. W. Evermann: Fishes of N. and Middle America, X. 121 †; XIV. 119 †
 ———, J.: Geological model of London and suburbs, XII. 108 †; remarks on "A great globe," XII. 407
 ———, J. N.: Report on trade and commerce of Korea, XIV. 561; XVII. 71 §
 ———, P.: Ueber meine Reisen in Paraguay, III. 254 †
 ———, W. L.: Biography, XV. 91 †; Cardiod earth, VII. 224 †; Charts of the world, etc., illustrating ocean currents, XII. 645 †; Essays in illustration of action of astral gravitation, XVI. 706 †; remarks on "Annual range of temperature," etc., XII. 135
 Jordan river—
 Au delà du Jourdan: L. Gautier, VII. 112 †
 From the Clyde to the Jordan: H. Callan, V. 401 †
 Libbey's investigations in valley of, XX. 525
 Notes on cross-Jordan trip: J. B. Nies, XIX. 232 †
 Turkish rule east of Jordan: G. L. Bell, XX. 668 †
 ——— and Dead Sea, Journey east of: G. Hill, VII. 442 †
 ——— Creek gold field, Report: L. C. Ball, XX. 361 †
 Jordell, D.: Catalogue général de la Librairie française, I. 186 †; IX. 346 †
 Jorga, D. N.: Documente geografice (Rumania), XVI. 362 †
 Jorullo volcano, Mexico, VIII. 145
 Josaphat, Don: Wüste und Wüstenvolk, I. 91 †
 Jose, A. W.: Growth of the Empire, XVIII. 649 †
 Jostedal, Norvège, Glacier du: Mme. A. Martel, VII. 109 †
 Joubert, M. J.: L'explorateur portugais Serpa Pinto, XVII. 565 †
 Jourdanet, D.: Influence de la pression de l'air sur la vie de l'homme, IX. 244 †
 Joutsen, O. A.: Rakennustyyppien Reski-Suomen pohjoisosasta, XVI. 245 †
 Juan de la Cosa's map of the world, 1500, I. 287 †; see Cosa
 Juan de Nova et Europa: P. de Kadore, XIX. 398 †
 Juan Fernandez—
 Informes . . . la colonizacion de, IX. 241 †
 Neues von der Robinson Insel: H. Polakowsky, XII. 635 †
 Zum Kenntnis der Insel Juan Fernandez: L. H. Plate, VIII. 420 †
 Juapa river, Congo, XX. 494
 Juarez, J. B.: Estudio sobre San Salvador, XV. 670 †

JULLIEN

- Jub (Juba) river, Somaliland, VIII. 132
 Account of coast-line north of: E. Inconato, III. 532 †
 Ethnology of tribes met with during progress of Juba expedition: J. R. L. Macdonald, XVI. 580 †
 Expeditions, I. 222; under J. R. L. Macdonald, X. 211; Expedition up the Jub through Somaliland: F. G. Dundas, I. 209*; Exploration of rivers Tana and Juba: Id., I. 376 †; Italian Explorers, II. 359; IV. 65; Italian Explorations in Upper Basin of: E. G. Ravenstein, III. 124*; A. C. W. Jenner's expedition from Kisumu to Logh, XIV. 637*; unexplored country West of, II. 486
 Il Giuba Explorato sotto gli auspicii della Società Geografica Italiana: V. Böttge, VI. 487 †
 Journey up the Juba: W. J. Radford, XIV. 637 §; XV. 297 †
 Solution of the Juba problem: G. E. Fritzsche, IV. 87 †
 Jubaland Province, Geographical report: C. H. Crauford, VIII. 652 †
 Juby, Cape: F. S. Zaytoun, IX. 577 †; X. 96; Country from Juby Cape to Senegal, III. 394
 Judd, J. W.: Deposits of the Nile delta, X. 539; Do., Second report, IX. 681 †; remarks on "Across Iceland," III. 280; on "Description of Christmas I.," XIII. 35; on "North Polar problems," IX. 517
 Judeich, W.: Bericht über eine Reise im nordwestlichen Kleinasien, XIII. 214 †; explorations in Asia Mi., XIII. 531
 Judith mts. of Montana, Geology: W. H. Weed and L. V. Pirsson, XIV. 340 †
 Juggarow Observatory, Report of the Condition and Progress of the, IX. 460 †; XIV. 579 †; Results of Meteorological Observations, IX. 338 †
 Juhar, valley of the Gori, XV. 152
 Jukes, B.: Investigations of Great Barrier Reef, II. 541
 Jukes-Brown, A. J.: Arrangement of river-courses, V. 133; Evolution of oceans and continents, I. 186 †; Geographical evolution of North Sea, III. 256 †; Origin and classification of islands, I. 379 †; Permanence of Ocean basins, I. 231; Student's Handbook of Stratigraphical geology, XIX. 660 †
 Julianshaabs distrikt, Den arkæologiske expedition til: D. Brunn, VI. 99 †
 Julien, M.: De Ouango à Mobaye par les pays N'Sakara et Bongbou, XVIII. 109 †; Surveys in Fr. Congo, XVII. 660
 Jullien, R. P.: Chez les Papous, XIV. 685 †; Voyage dans la Syrie septentrionale, I. 182 †
 ———, and De Ryche: explorations in Br. New Guinea, XII. 418

JULLY

- Jully, A.: Madagascar de 1890 à 1899, XV. 552 †; Conférence sur Madagascar au point de vue économique, XVII. 211 †
- Jumelle, H.: Les forêts et les essences forestières exploitables à Madagascar, XVI. 369 †
- Jumma, Jebel, Tripoli, VII. 158
- Jumna river; history of, III. 178
- Junction Cave, N.S. Wales, XV. 424
- Jung, C. E.: Das Bewässerungssystem in Britisch-Indien, XVI. 247 †
- Jung, E.: Fortschritte der geographischen Forschungen und Reisen im Jahre 1900, Australien und die Südsee, XIX. 242 †; Gegenwärtige Stand unserer Kenntnis des Australkontinents, IX. 109 †; Im Unstruthal, XVII. 85 †; Un général topographe, etc., XI. 688 †; Wasserversorgung des Austral-Kontinents, XV. 670 †; Wirtschaftlichen Verhältnisse Neuseelands, XV. 197 †; Wirtschaftlichen Verhältnisse der Australischen Kolonien, XIII. 95 †
- Jungar Mongols, III. 359
- Jungfrau—Jungfraubahn: J. Wottitz, X. 226 †; Proposed Jungfrau Railway: Guyer-Zeller, X. 226 †; Maps illustrating: F. Schultheis, IX. 586 †
- Junghaus, O. E.: Der Fluss in seiner Bedeutung als Grenze, etc., XV. 541 §, 674 †
- Junin de los Andes, XIV. 366
- Junker, W.; biography: L. Hevesi, VII. 569 †
- Junod, H.: Les Ba-Ronga de la baie de Delagou, XI. 199 †; XII. 326 †; Les Chants et les Contes des Ba-Ronga, XIII. 455 †; Une Course au Tembé, VI. 564 †
- Jura—
- Autour de Sainte-Croix (Jura Suisse): H. Cuénot, IX. 337 †
- Baume-les-Messieurs: E. Renauld, III. 528 †
- Faune Cavernicole du Jura: A. Viré, X. 547 †
- Folds of, XV. 49
- Geology of, in N. Franche Comté: W. Kilian on, IV. 60
- Grottes du Jura méridional: Corcelle, VII. 438 †
- Jura et Vosges: A. Delbecque, IX. 573 †
- souterrain: E. Renauld, IX. 335
- Lakes of: A. Maguin, III. 435 †
- Montre dans le: L. Reverchon, XI. 447 †
- Quelques explorations spéléologiques dans le: E. Fournier, XIV. 330 †
- Recherches spéléologiques dans la chaîne du Jura: Fournier et Magnin, XVI. 244 †; Do., dans le Jura Franc-comtois: E. Fournier, XVII. 84 †
- Valley of the Joux: V. Dingelstedt, XVII. 207 †

KADUKU

- Jurassic rocks of Texas: J. Marcon, IX. 579 †
- Jürgersohn, A.: Sibiriens Wasserstrassensystem, VI. 582 †
- Juristisch, G.: Die polnische Tatra, XX. 349 †
- Juritz, C. F.: Chemical composition of solis of S.W. districts of Cape Colony, XVII. 211 †
- Jurua river, Amazons, XVII. 377,
- Jusserand, J. J.: Journey to Scotland in 1435, VI. 293 †
- Juta's map of S. Africa from the Cape to Zambesi, XX. 134 †
- Jüttner, J. M.: Fortschritte der geographischen Forschungen und Reisen: Asie, XVIII. 548 †; XX. 554 †; Amerika, XVII. 92 †; XX. 468 †
- Jyade province and people, III. 377

K.

- K² PEAK, height, III. 339; letter from Sir M. Conway on, III. 527; letter from H. H. Godwin-Austen on F. Drew's woodcut of, III. 431; nomenclature, I. 369
- Kaalaas, B.: Beiträge zur Lebermoosflora Norwegens, XIV. 112 †
- Kaartbeschrijving: J. Timmerman, XI. 195 †
- Kaba river, W. Africa, X. 255
- volcano, Sumatra—Ein Besteigung des Vulkans Kaba: B. Hagen, XVIII. 638 †; Vulkan Kaba: A. A. von Karácson und R. Fennema, XI. 196 †
- Kabalu-La tribe, C. Africa, IX. 386
- Kabara, Timbaktu, VII. 99
- Kabba, W. Africa, X. 353
- Kabela, lake, W. Africa, I. 227
- Kabobe village, Somaliland, I. 217
- Kabe Saleh, tomb of, IV. 327
- Kabru, Himalayas, XIX. 471
- Kabul river, XVII. 463
- Kabuye district, C. Africa, XIII. 536
- Kabyles of Algeria: J. Liorel, II. 90 †
- Kabylie: Cinq jours en: P. Colleson, XV. 664 †; Huit jours en: C. Tabary, XIII. 321 †
- Kachera lake, C. Africa, XII. 189; Ashburnham's survey of, XV. 65
- Kach tribe, C. Africa, XVI. 85
- Kach Gandava, VII. 399
- Kachin Hills, Northern; Botany, XIII. 657
- tribes and villages, XIX. 272
- Kachins of Chinese Borderland: F. A. Steven, XII. 96 †
- Sana section of, VII. 93
- Kačna-Jama, La: J. Marinitsch, X. 546 †
- Kadam Mts., Arabia: see Goddam
- Kadei river, XIX. 756; La Mambere et le bassin de la Kadei: L. F. Kerremans, XX. 125 †
- Kaduku hill, upper Nile, IX. 372

KADUMA

- Kaduma fort, position, IX. 390
 Kaf, Arabia, XX. 620
 Kaffu, Abyssinia, XX. 388
 Kaffi, Hausaland, VIII. 202
 Kafiristan: Sir G. S. Robertson, IV. 193 *
 — Kafiristan and its people: Sir G. S. Robertson, X. 548 †
 — —, its manners and customs: Sir G. S. Robertson, X. 119 †
 — — and Káfiri tribes: H. G. Raverty, IX. 338 †
 — — and Káfirs: W. Broadfoot, IX. 461 †
 Kafiristan und die Káfiren: H. Vambéry, IX. 338 †
 Káfirs of Hindu Kush: Sir G. S. Robertson, IX. 320, 461 †; Do., Origin of: Sir T. H. Holdich, VII. 42 *;
 Afghan Campaign against, VII. 547
 Need of exploration in, II. 490
 Káfirs, Industries of the: H. P. N. Muller, III. 72 †
 Kafue (Kafukwe) river, XVII. 47, 112, 131
 Journey from Fort Jameson to: C. P. Chesnaye, XVII. 42 *
 — — to Kafue and Zumbo districts: P. H. Selby, XIX. 605 *
 Kafue and its headwaters: G. Grey, XVIII. 62 *, 327 †
 — —, Short account of trip to: G. Hepburn, XV. 552 †
 Kafun river, C. Africa, XIII. 536
 Kagera river, C. Africa, IV. 248, 350; V. 356, 445; VI. 304, 315, 320; Herrmann's Surveys, XIV. 321; Kandt's, XVI. 560; XVIII. 311; Ramsay's, XI. 299; von Trotha's, XI. 550; Déele's survey in region of, XVI. 559; XVII. 75
 Kagoshima, Japan; Agriculture in (F.O.Rep.), XVII. 447 †
 Kaha river, XVII. 477
 Kahle, P.: Entnahme von Höhen aus Karten mit Höhenlinien, XV. 198 †;
 Geographie auf der 69. Versammlung deutscher Naturforscher . . . in Braunschweig, XI. 575 †
 Kayho, I.; on aborigines of Formosa, XIV. 443
 Kahza pass, Oman, VII. 524
 Kai Tuan, Manchuria, II. 449
 Kai Kosru II., mosque built for, VIII. 454
 Kailas peak, Tibet, XIV. 397
 Kain, S.: Seismic and oceanic noises, XIII. 98 †
 Kain, Persia, XX. 80; district, XIX. 149, 152
 Kaindl, R. F.: Ethnologie . . . der Huzulen, VII. 439 †; Haus und Hof den Rusnaken, IX. 572 †; Herkunft der Deutschen in der Bukowina, IX. 457 †; Huzulen; eine ethnographische Skizze, I. 373 †
 Kaingangué, Lenguas del grupo: J. Ambrosetti, IX. 108 †
 Kairouan: Beyram Bey, XI. 95 †; H. Schurtz, XVI. 252 †

KALMUK

- Kais I., Persian Gulf, VI. 172; XIX. 59; ancient trading centre, VII. 644
 Kaiser, A.: journey in E. Africa, X. 540
 Kaiser Franz Josef Fjord, N.E. Greenland, XVII. 48
 — — Nicholas II. mts., XIV. 664
 Kaiserstuhl—Contribution à la Géographie du Kaiserstuhl en Brisgau: A. Demangeon, XX. 239 †
 Kaiser-Wilhelm Canal, Fish-fauna of: Hinkelmann, XIII. 654
 Kaiser Wilhelmsland (see also New Guinea, German)—
 — — Ergebnisse der . . . Expedition: Lauterbach, IX. 465 †, 580 †; XII. 617
 Kaiser Wilhelms-Land und den Bismarck-Archipel, XI. 571 †
 Kajang, Regency of, in Celebes: H. D. Wiggers, III. 530 †
 Kakeroma-shima, Luchu Is., V. 293
 Kakkwa tribe, Sudan, XX. 617
 Kala, Tanganyika, XIX. 599
 Kala of Beni-Hammad: P. Blanchet, XI. 453 †
 Kala Bazuft, Persia, IV. 487
 Kalabit district, Borneo, XVI. 51
 Kalahari desert, XIV. 310; Geological formation, I. 336, 338
 — — Fleck's journey across, to Lake Ngami, I. 376 †, 461; von François' journey in the, III. 237
 Hydrographie des nördlichen Kalahari-Beckens: S. Passarge, XIX. 400 †
 Map: E. Wilkinson, I. 338
 Notes on portion of: E. Wilkinson, I. 324 *
 Kala-i-Bar-Panja, Shugnan, XVI. 679
 Kala-i-Sang or Kala-i-Beiza, Persia, XIX. 165
 Kala Kuh, Persia, IV. 486
 Kalangba, altitude, X. 393, 397
 Kalash, tribe, Chitral, IV. 194
 Kalat, Ahmadzai Khans of; Memoir on country and family: G. P. Tate, IX. 337 †
 Kala Zarri, Persia, XIX. 155
 Kalb, C. de: Bibliography of Mosquito Coast of Nicaragua, IV. 579 †; Nicaragua, Studies of Mosquito Shore in 1892, II. 281 †; Social and political development of S. American people, III. 534 †; Valley of the Amazon, etc., X. 651 †
 Kaleti country, XV. 485
 Kalgoorlie—Topographical map, based on tacheometric surveys: W. D. Campbell and S. J. Beecher, XIX. 665 †
 Kalieri, W. Africa, X. 253; altitude, X. 394, 397
 Kalmats of Makran, VIII. 409
 Kalmuk steppe, Former existence of woods on: A. Nehring on, XIII. 429
 — — Gab es einst Walder in der Kalmückensteppe? A. Nehring, X. III. 557 †
 — — Reise durch die Kalmückensteppe: F. Rossmässler, XVII. 318 †

KALMUKS

- Kalmuks, III. 385
 Kal-Mura river, Persia, VII. 167
 Kalo, New Guinea, XVI. 288
 Kalongwizi: *see* Kalungwizi
 Kals: F. Löwl, XI. 308 †
 Kalu valley and river, Persia, VI. 454
 Kalugyer (Hungary), La source intermittente de: C. Siegmeth, XVII. 83 †
 Kalulong, mt., Borneo, I. 204
 Kalund, K.: Kan Historia . . . til Danmarks Litteratur, IX. 16 †
 Kalungwizi river, C. Africa, I. 532; XV. 645
 Kalyani Inscriptions of Dhanmacheti Preliminary Study of: Taw Sein-Ko, IV. 376 †
 Kam tribe, Kafiristan, IV. 194
 Kama country, Ogowé delta, VII. 95
 ——— river, Siberia, V. 147
 Kamaishi, Das Seebeben von: J. Rein, IX. 443, 460 †; (Map), IX. 471 †
 Kamakura, Japan, VIII. 157
 Kamange, altitude, etc., X. 393, 397
 Kamasia tribe, Uganda, XIX. 9
 Kambachen, Himalayas, XIX. 470
 Kambaia, Altitude, etc., X. 394
 Kambata hot springs, Galla Land, XVI. 296
 Kambulic Hills, N. Greece, III. 325
 Kambwire's, C. Africa, X. 160; position, X. 171
 Kamchatka, IV. 251; Expeditions — M. Bogdanovich, XVI. 222; Jessup, XIX. 215
 Glimpses of life in Far North-East: G. E. H. Barrett-Hamilton, XIV. 335 †
 Kamchatka: G. E. H. Barrett-Hamilton, XIV. 226 †; A. Brückner, III. 160 †; H. V. Slinnin, XVIII. 524 §
 Reisen und Aufenthalt in Kamtschatka: K. von Ditmar, XVII. 551 †
 Kamdesh Kafirs, VII. 42
 Kamegaoka in Province of Mutsu: D. Sato, X. 550 †
 Kamela, height, XI. 628
 Kamennye Is., Arctic, XIX. 477
Kamerun—Dwarfs in interior, XIII. 196;
 German progress, XIV. 565; German sphere of influence, III. 414; Hausa settlers, XI. 69; Rainfall, XV. 420
 Abschluss von Blutsfreundschaft . . . in Nordkamerun: Hutter, XIII. 563 †
 Astronomische Ortsbestimmungen in Kamerun: Hauptmann von Besser, XIV. 460 †; M. Schnauder, XIII. 93 †; XIX. 656 †
 Bakwirivolk, Das: J. Scholze, XVIII. 641 †; Bakwirivolk in Kamerun: A. Siedel, XIX. 233 †
 Bane-Bule Expedition, XIII. 93 †
 Bangwa, Im Lande der: G. Conrau, XV. 439 †
 Begleitwörter zu der Karte "Die Flussgebiete des Mungo und Unteren Wuri:" M. Moisel, XIX. 657 †; Do.
 "Reiseroute der Expedition des

KAMERUN**Kamerun—continued.**

- deutschen Kamerunkomitees:" M. Limpricht, VII. 114 †
 Bereisung des Ndianggebietes: Besser, XIII. 93 †
 Bericht über die Expedition des deutschen Kamerun-Komitees: S. Passarge, IV. 577 †; VII. 451 †; map, IV. 286 †
 ——— die Expedition und das Gefecht bei Segawo, XVII. 91 †
 ——— die Thätigkeit der Strafexpedition nach den Cross-Schnellen, XVII. 91 †
 Besitzergreifung des Hinterlandes von: S. Passarge, XIV. 337 †
 Cameroons and Sudan: H. Jaeger, I., 566 †
 Coast—Kamerun-Küste: F. Plehn, XIII. 323 †; Küstengebiet von Kamerun: E. Esch, XVI. 580 †
 Dans le sud Kamerun, XVIII. 456 †
 Dualas and treatment of disease, IV. 565
 Eisenbahn Victoria - Mundame: A. Schulte, XIX. 399 †
 Erkundung des Keakagebietes, XVII. 676 †
 Excursion au Kamerun: F. Chapuis, XIV. 227 †
 Expedition des Freiherrn von Stein, XVIII. 456 †; XIX. 218 §, 399 †, 638 §, 657 †; XX. 246 †; Aufnahmen des Freiherrn von Stein und Geyger zwischen Kamerun und Sanaga, XII. 325 †; Erläuterungen zu meinen Reisen in Süd-Kamerun: Baron von Stein, XVI. 368 †, 562 §; Forschungs-expedition im südöstlichen Kamerun: Lieut. von Stein, XVIII. 110 †
 ——— des Generalbevollmächtigten der Gesellschaft N.W. Kamerun: Captain Ramsay, XVIII. 329 †
 ——— des Gouverneurs nach den Crossschnellen: Herr von Puttkamer, XVIII. 329 †; Explorations: Capt. Ramsay and Herr von Puttkamer, XVIII. 215
 ——— des Oberstleutnants Pavel, XX. 467 †
 ——— des Stabsarztes Hoesemann längs der Südgrenze von Kamerun, XX. 558 †
 ——— von Schimmelpfennig, XVII. 661; XVIII. 623, 641 †; Expedition des Hauptmanns von Schimmelpfennig von Ngutte II. nach Yabassi, XIX. 233 †
 Expeditions (notes)—von Carnap, XI. 551; XII. 191; Plehn, XIII. 535; XIV. 444; XV. 420; Baron von Stein, X. 638; XVI. 562; von Stettin, I. 357
 Franco-German treaty and Hinterland of Cameroons, III. 414 *
 Frontiers, XX. 231; Une violation de la frontière entre le Cameroun et le Congo, XIX. 400 †

KAMERUN**Kamerun—continued.**

- Gebiet zwischen Mundame und Bali-berg: G. Conrau, VII. 332 †
- Geographischen Verhältnisse des Bezirkes Lolodorf: Freiherrn von Stein, XIV. 664 §, 681 †
- Geologen Dr. Esch über eine Reise in das Nkossiland, XIV. 682 †
- Geologische Untersuchungen im Kamerungebiete: B. Knochenhauer, V. 606 †
- German progress, XIV. 565
- Grundung der Station am Ngoko, etc., XV. 194 †
- Harmattan-Frage: F. Gessert, XVI. 251 †
- Joko, Bereisung des Gebietes südlich und südöstlich von, XIX. 107 †
- Kamerun-Küste: F. Plehn, XIII. 323 †
- Klimatographie von Kamerun: M. Hübler, VIII. 311 †, 418 †
- Land und Leute an der Südgrenze Westadamaus, XVI. 580 †
- Land- und Völkerkunde von Kamerun-Hinterland: G. Spellenberg, XIX. 657 †
- Maps—Begleitworte zu der Karte des nördlichen Bulugebietes: M. Moisel, XIV. 227 †; Kartographie von Kamerun: H. Singer, XX. 468 †; Konzessionsgebiet der Gesellschaft Northwest-Kamerun: M. Moisel, XVI. 379 †; Reisewege des Presbyterianer-Missionars Alexander Ross von Alt-Kalabar ins Kamerun Gebiet: P. Langhans, XIX. 786 †; Surveys by brothers Conrau, IV. 458
- Meteorological observations, IV. 65; Danckelmann, I. 183 †; Meteorologische Beobachtungen am Gouvernementsgebäude in Kamerun: A. Plehn, XV. 439 †; Do., in Kamerungebiet, IX. 106 †
- Om Kamerunomradet: P. Dusén, VII. 443 †
- Pflanzungsgebiete am Kamerungebirge, XV. 438 †
- Regenmessungen aus Kamerun: H. Matzat, XVI. 251 †
- in Debundja, XIV. 460 †
- Reise ins N.W. Gebiet des Hinterlandes: G. Spellenberg, XIX. 107 †
- von Klein-Popo über Lome, IX. 239 †
- Reisebericht des Richters Diehl, XVIII. 641 †
- Report on S. Cameroons expedition: H. Ramsay, III. 161 †
- Säugethiere des Kamerungebietes: Y. Sjöstedt, X. 121 †
- Sechs Kriegs- und Friedens-Jahre in deutschen Tropen: H. Dominik, XVIII. 306 §, 329 †
- Stationsanlage am Crossfluss, XIX. 400 †
- Vergessene Reisen in Kamerun: P. Langhans, XX. 356 †

KANDT**Kamerun—continued.**

- Verhältnisse . . . den Graslandstämmen Nordkameruns: H. Hutter, XV. 297 †
- Völker zwischen Mpundu und Bali: G. Conrau, XIII. 93 †
- Von Mundame nach dem Berge Diungo: G. Conrau, XIII. 93 †
- Wanderungen und Forschungen im Nord-Hinterland von Kamerun: F. Hutter, XX. 125 †
- Wirtschaftliche Bedeutung von N. Kamerun insbesondere der Hochlandsgebiete: H. Hutter, XVIII. 232 †
- Kamerun Peak—Ascent: M. W. Kingsley, VII. 96; IX. 682 †; height, XII. 525; Höhe des Gipfels des Kamerungebirges, XIII. 93 †; Höhenmessungen von Dr. Esch in Kamerun: von Danckelman, XIX. 656 †
- Kamindu, altitude, X. 393, 397
- Kammerer, J.: Der Hohe Neuffen, XX. 465 †
- Kammerling, P.: G. P. Mendelssohn und seine Schilderung des Riesengebirges, XIX. 241 †
- Kampffmeyer, G.: Material zum Studium der arabischen Beduinendialekte Innerafrikas, XVI. 581 †
- Kampala, Uganda, IX. 378
- Kampolombo bay, Bangweolo, XI. 181
- Kamptz, Haupt. von: expedition to S. Adamawa, XIV. 565
- Kan, C. M.: Aardrijkskunde en de Praktijk, III. 353 †; Colonies néerlandaises dans les Indes occidentales, XVI. 372 †; Etudes scientifiques concernant les possessions néerlandais aux Indes orientales, XVI. 365 †; Het geographisch Onderzoek van den N. I. Archipel, etc., VIII. 416 †; Het maritiem Onderzoek van den Oost-Indischen Archipel, VI. 486 †; Neuesten Fortschritte der Kenntnis von Sumatra, XIX. 769 †; Nogmaals Nieuw-Guinea, VI. 394 †; obituary of P. J. Veth, V. 600
- Kan, tributary of Yang-tse, XIX. 712
- Kanara, S., Portuguese in: J. G. da Cunha, IX. 236 †; Sea-fisheries of Malabar and, XVII. 447 †
- Kanát, or subterranean aqueducts, VII. 645
- Kanazbun, Makran, VII. 398
- Kanchinjanga: see Kangchenjunga
- Kandahar—
- Kandahar Inscription, Geography of: J. Beames, XIII. 89 †
- Photographs of railway to: G. P. Tate, XII. 224
- Kandafara et le Compy: G. Paroisse, IX. 240 †
- Kandi Mishti, Tirah, XII. 341
- Kandler, M.: Kritik orometrischer Werte . . . Thalbildungen in Thüringerwald, XV. 188 †
- Kandt, M.: Ueber die Entwicklung der

KANDT

- Australischen Eisenbahnpolitik, IV. 284 †
- Kandt, R.: Aux frontières du Congo, XVII. 448 †; Bericht des Forschungsreisenden aus Ruanda, XVIII. 329 †; Bericht über meine Reise . . . in Deutsch-Ostafrika, XVI. 559 †, 580 †; Do., am Kiyusee, XV. 438 †; Expedition to Lake Kivu, XI. 551; XIV. 662; XV. 178; Investigations of Nile sources, XVIII. 311; Karte des Kiwu Sees, XX. 103 §, 253 †
- Kangaroo I., Notes on geology of: W. Howchin, XV. 555 †
- Kangaroos of Australia, IV. 41
- Kangchenjunga, Mt., II. 302; XIII. 423; Glaciers of: D. W. Freshfield, XIX. 453 †; letter from Col. St. G. Gore on, XX. 235; Notes on Map of: E. J. Garwood, XX. 13 †; Photographs: L. A. Waddell, XI. 464; Round: D. W. Freshfield, XVII. 88 †, 447 †; Tour of: D. W. Freshfield, XV. 642 §, 663 †
- Kangean-Archipel; Bijdrage tot de Kennis van den: J. van Gennep, VII. 441 †
- Kangerdluk fjord, Greenland, III. 49
- Kangtsen peak, Himalayas, XX. 18
- Kangur peak, XIII. 54
- Kang-wha: M. N. Trollope, XIX. 654 †; XX. 336 §
- Kaniapiskau lake, Labrador, V. 518
- Kanitz, F.: Die russische Muonio-Expedition, X. 453 †
- Kanjuti tribes, C. Asia, II. 61
- Kankiua, altitude, X. 395
- Kannenbergl, V.: Besuch in einem anatolischen Dorfe, VI. 485 †; Kleinasien Naturschätze, XI. 90 †; "Paphlagonischen" Felsengräber, V. 280 †; Reise durch die hamitischen Sprachgebiete um Kondoa, XVI. 368 †
- Kannengiesser, G. A.: Deutsch-S.W. Afrika im Jahre 1900, XVIII. 110 †
- Kano, commercial capital of Hausaland, VIII. 203; caravan routes to, VIII. 205
- Kampo, Sze-chuan, X. 27
- Kansas—
- An old Indian village: J. A. Udden, XVII. 93 †
- Cattle trade (Foreign Office Rep.), XVII. 93 †
- Ecological plant-geography of: A. S. Hitchcock, XIII. 324 †
- Gazetteer of: H. Gannett, XVI. 583 †
- Physiographic divisions of: G. I. Adams, XX. 359 †
- — and Oklahoma, Tertiary springs of: C. N. Gould, XVIII. 112 †
- — river: A. P. Davis, VIII. 312 †
- Kansu, Mohammedan invasion in, VI. 567; Mines d'or du Kansu occidental: C. E. Bonin, XVII. 673 †
- Kant, I.: H. R. Mill's remarks on, XVIII. 412; Kant-Laplacesche Hypothese und die Geographie: F. Ratzel, XIX. 406 †;

KARA-KOSHUN-KUL

- Kant's Cosmogony; ed. W. Hastie, XVII. 681 †; XVIII. 80 §
- Kantan, Siam, VI. 529
- Kantara, Euphrates, VIII. 321
- , Isthm. of Suez, sand-dunes at, XV. 12
- Itinerary from Kantara to El Arish: A. R. Guest, XIII. 281 *
- Kantorongondo, mt., Angoniland, III. 60
- Kaombe, height, XI. 628
- Kapamba river, Rhodesia, XI. 626
- Kapong, Siam, VI. 530
- Kapoti, E. Africa, XV. 485
- Kapte plains, E. Africa, IV. 296; VII. 662
- Kapuas river, Borneo, VI. 573; XVIII. 295
- Karabagh'schen Bergen, Reiseerinnerungen aus den: F. Rossmässler, XV. 193 †
- Kara Balgassum, position, I. 65; V. 564
- Bilio, VIII. 112
- Kara-boyön lake, Tibet, IX. 552
- Karabugas, Gulf of—Adschidarja: O. Lang, XII. 627 †; Adschidarja oder Karabugas Busen: N. Andrussow, IX. 461 †; Karabugas, Kärtchen: N. Andrussow, IX. 471 †
- Kara-buran, XI. 654
- Karachok Dag, IX. 529
- Karachunkar valley, V. 246
- Karácson, A. A. von, und R. Fennema: Do Vulkan Kaba on Sumatra, XI. 196 †
- Kara Dag, IX. 40, 48
- Daria, III. 514
- Dawan Pass, C. Asia, II. 389
- Karadong, ancient site of, Taklamakan desert, XX. 605
- Karafuto, Journal kept in: F. V. Dickens, XII. 206 †; Karafuto System, Japanese Alps, VII. 126
- Karaga harbour, Kamchatka, XII. 283; natives of, XII. 288
- Karagainin-gol, C. Asia, VIII. 172
- Karageban, Euphrates, VIII. 454
- Karaginski I., Kamchatka, Visit to: G. E. H. Barrett-Hamilton and H. O. Jones, XII. 280 †
- Karagwe mts., C. Africa, IV. 351
- Karaja Hissar, ruined town at, IX. 41
- Karakoram mts., VIII. 7
- Ascent of Biafo glacier and Hispar pass: F. B. Workman, XIV. 579 †
- Expeditions—Sir W. M. Conway, I. 261; Climbing and exploration in Karakoram-Himalayas: Sir W. M. Conway, IV. 85 †; V. 88 †; Dr. and Mrs. Workman, XX. 537
- Karakorams and Kashmir, The: O. Eckenstein, VIII. 416 †
- Nomenclature of Karakoram peaks: Col. H. H. Godwin-Austen on, I. 177, 368; II. 301
- — pass, II. 386, 399
- —, ruins of, probable position, I. 65
- Kara-Koshun, C. Asia, XX. 312
- Kara-Koshun-Kul, XI. 652

KARA

- Kara Kul, Great, VIII. 106; XI. 242; depth, IV. 63
 ———, Little, V. 154; VIII. 107; XI. 246; XX. 582; Kleine Kara-Kul und Bassik-Kul: S. Hedin, V. 605 †; Topographische Skizze, V. 610 †
 ——— valley, II. 58
 Kara-Kum sands, XII. 309
 Karamojo plains, XIV. 309
 ——— tribe, C. Africa, XIV. 136
 Kara Muren river, C. Asia, XIII. 164
 Karangarua valley, New Zealand, VII. 492
 Karanghu-tagh, Turkestan, XVII. 413; XX. 590
 Kara-nor, C. Asia, XVII. 527
 Kara Sea—
 Feilden's visits to, XI. 360
 Handelsfahrten durch das Karische Meer: F. Thiess, XII. 207 †
 Lecture on Navigation: Wiggins, VI. 585 †
 Polar Gleams, Account of Voyage on yacht *Blencathra*: H. Peel, IV. 285 †
 Results of meteorological observations: J. Hann, II. 475 †
 Russian exploration, XIX. 378; Surveys XVIII. 627
 State of, 1893, L. C. F. James on, II. 555
 Trade route *via*, I. 122, 152
 Kara Su, river, Asia Mi., VI. 173, 176; XX. 185
 ———, river, Pamirs, XVI. 668
 Karatagh, Bokhara, XIV. 600
 Kara-tash pass, II. 58; VI. 352
 Karataghine et Darvoz: F. de Rocca, V. 506 †
 Karathie, Wadi, IX. 629
 Kara-Timor districts, VII. 79
 Karayak ice stream, Greenland, III. 48
 Karayu Borans, tribe, E. Africa, VIII. 134
 Karchenai pass, Mustagh, VIII. 26
 Kardung pass, Himalayas, II. 385
 Karelia, Account of great terminal moraine: J. E. Rosberg, I. 468 †, 545
 Karema, Tanganyika, XIX. 599; Père Dromaux's expedition to, XIII. 535
 Karens—Die Karenen: L. Dürr, XI. 195 †; Ethnographie des Birmans-Karins: J. B. Brिंगaud, IX. 104 †; Karens of Siam, VI. 406, 411, 543
 Kargalyk oasis, population, IX. 547
 Kargan Tibetans, III. 362
 Karia, Researches in: W. R. Paton and J. L. Myres, IX. 38 *, 337 †; Karian sites and inscriptions: Id., IX. 104 †
 Kariba (Kariya) Gorge, Zambesi, I. 296; XVII. 111
 Karl Alexander Land, Franz Josef Land, IX. 485
 Karlsbad springs, XX. 517
 Karlseisfeld, Das: M. G. von Mildensee, IX. 675 †; Recent researches at: Baron von Hübl, XV. 173
 Karlson, K. H., and G. Storm: Finmarkens Beskrivelse af Erkebiskop Erik Walkendorf, XX. 240 †

KASAI

- Karlyk-tagh, Tibet, IX. 553
 Karmati, ancient tomb, VII. 402
 Karnal district, India; Gazetteer of, I. 565 †
 Karnali, valley of, XV. 399
 Karnbach, L.: Bisherige Erforschung von Kaiser Wilhelmsland, etc., VIII. 421 †; explorations in New Guinea, III. 519
 Karoliny, M.: Die Klamm im Grossen Sokol, XIV. 675 †
 Karonga, changes of coast-line at, X. 294; mission station, XIII. 590
 Kar-Ova plain, IX. 42
 Karpauthos: C. de Stefani, IX. 458 †; L'île de: H. Hautecœur, XIX. 231 †
 Karpinsky: Sur le caractère de l'écorce terrestre dans la Russie d'Europe, VII. 328 †
 Karr, H. W. S.: *see* Seton Karr
 Karren, Die: G. Greim, VIII. 425 †; Karren oder Schratten: M. Eckert, XII. 90 †
 Karroo formation, VIII. 388; Dwyka beds in, XX. 630
 Karshi, Bokhara, XIV. 598
 Karst district and mts., III. 509
 Dolinen-Gruppen im Mährischen Karst, XVII. 542 †
 Karst-Phenomena: J. Cvijić, III. 321 §
 Lakes of; A. Gavazzi's explorations, XVII. 301
 Landscape; recent papers on, XX. 427 *
 Studies of: K. Hassert and R. Sieger, VI. 382
 Karsten, P.: Ein Blick in das Industrielieben Chinas, XIII. 557 †
 Karstens, K.: Eine neue Berechnung der mittleren Tiefen der Océane, etc., IV. 581 †; on mean depth of oceans, VI. 267
 Kartal Dere, Karia, XI. 38
 Kartennetzentwürfe, Die: E. Hammer, IX. 581 †
 Karubuma, height, XI. 628
 Karuma falls, Nile, IX. 375
 Karumbar river, VIII. 115
 Karun, source of, IV. 486; Photographs of Valerian's bridge across, IV. 192
 Karutz: Ethnographie der Basken, XIII. 317 †; Guetaria im Baskenlande, XII. 94 †
 Karwendelgebirges, Studienfahrten im Gebiete der Vomperkette des: E. Platz, VII. 107 †
 Karyanda, Karia, IX. 47
 Kasa Hill, W. Africa, position, III. 426
 Kasaba, IX. 154
 Kasagama, E. Africa, VI. 306
 Kasai river, V. 428; Stache's explorations, IX. 560
 Kasai et ses affluents: A. J. Wauters, XII. 209 †
 L'ancienne mer intérieure du Kasai: A. J. Wauters, XI. 684 †
 Lakes of Kasai basin; Verner on, XIV. 211

KASAI**Kasai River—continued.**

- Survey of Upper (with map): F. Schindler, XIX. 505
 Kasama, Br. C. Africa, XIX. 604
 Kasamba marsh, C. Africa, XIV. 562
 Kasandive, height, XI. 628
 Kasba lake, N. Canada, VI. 442
 Kaschubei, In der: F. Tetzner, IX. 676 †
 Kaschuben am Lebasee; Die: F. Tetzner, VIII. 128 †
 Kasr river, Turkestan, XVII. 413
 Kashan, height, VII. 106
 Kashgar and Pamirs; G. Saint-Yves' journey to, XV. 533
 Earthquakes in, letter from G. Macartney on, XX. 463
 Kashgar-Yarkand road, VII. 454
 — mts., VII. 350
 Kashgaria, border range of, IX. 550;
 population and districts, IX. 548
Kashmir, III. 186; Route from Indus to, XIX. 631
 Afoot through Kashmir valleys: M. Doughty, XX. 123 †
 Ancient geography of, Memoir on maps: M. A. Stein, XVI. 487 †
 Besteigung des Karsongpasses: H. Francke, XVI. 697 †
 Big game of Baltistan and Ladakh: F. Adair, XVII. 550 †; Ibex: K. Lydekker, XVIII. 325 †
 Cashmere and ancient Persians: J. J. Modi, IX. 105 †
 Ince's Handbook: J. Duke, I. 181 †
 Kashmir: Sir L. Griffin, VII. 111 †;
 W. R. Lawrence, VII. 339 †, 441 †
 Klein-Tibet: M. Donsen, XVIII. 230 †
 Ladäker mythologische Volkssagen: H. Francke, XVII. 447 †
 Map of, letter from H. H. Godwin-Austen on, XV. 657
 On Kashmir Frontier: F. E. Young-husband, V. 507 †
 Photographs: A. A. Crookshank, XX. 477; H. H. P. Deasy, II. 576;
 neighbourhood of Gilgit, etc.: G. Hastings, XI. 332
 Picturesque Kashmir: A. Neve, XV. 663 †
 Pir Punjal range and Tatticooti in: E. F. Neve, XIX. 653 †
 Report on botanical tour in: J. F. Duthie, V. 281 †
 Sport in highlands of: H. Z. Darrah, XI. 567 †
 Valley of Kashmir: W. R. Lawrence, VII. 111 †
 Where three empires meet; Narrative of recent travel: E. F. Knight, II. 89 †
 Kasigao, height and position, IV. 436
 Kasitu river, C. Africa, III. 60
 Kasongo, Congo, V. 435, 442; position, XVII. 659
 Kasr Dakhil, XVI. 660
 Kasr-i-Shirin, petroleum spring, IX. 528

KATRINE

- Kasr Zuguseb, Ferjana district, VII. 155
 Kassai: *see* Kasai
 Kassala: N. Noll, XI. 684 †
 Kassali: *see* Kissali
 Kassener, C.: Bewölkung in Europa an Cyklonen- und Anticyklonen-Tagen, XIV. 330 †; Niederschlagsverteilung in Bulgarien, XX. 551 †; Verteilung der jährlichen Niederschläge in Bulgarien, XX. 367 †
 Kasungu, position, X. 171; people and district, X. 156
 Katalanische Weltkarte: K. Kretschmer, XI. 207 †
Katanga—
 Au Katanga: A. J. Wauters, XVII. 449 †
 —, la traversée des monts Kibala, XVI. 249 †
 Belgian Expedition to: J. du Fief, II. 186 †
 Dans le sud du Katanga, XVII. 552 †
 De Bruxelles au, XIII. 560 †
 Grottes et Troglodytes du Ka-Tanga: C. Lemaire, XIX. 655 †
 Katanga Company's Expeditions in Congo Basin, I. 223
 — from agricultural point of view: Dr. Cornet, III. 347 †
 Lemaire Expedition, XV. 534, 646;
 Atlas donnant l'itinéraire détaillé parcouru par la mission: C. Lemaire, XX. 567 †; Expédition Lemaire au Katanga: A. J. Wauters, XVII. 90 †;
 Journal de Route: C. Lemaire, XX. 557 †; Mission scientifique, C. Lemaire, XIX. 526 †, 527 †; Note sur les déterminations d'altitude: C. Lemaire, XX. 245 †; Résultats des observations astronomiques, etc.: C. Lemaire, XX. 527 §; Scientific results, XVII. 659
 Terrains anciens du: J. Cornet, X. 121 †
 Stairs Expedition to: J. A. Moloney, II. 238 *; Expedition d'après les notes . . . Bonchamps: R. de Pont-Jest, III. 161 †; Geological results: J. Cornet, IV. 189 †; With Capt. Stairs to Katanga: J. A. Moloney, II. 379 †
 Katara swamp, E. Africa, VI. 304
 Katch kraals, E. Africa, II. 136
 Katenge, C. Africa, V. 439
 Katia, N. Arabia, XIII. 284
 Katill, Hausaland, VIII. 202
 Katimbo, altitude, X. 393, 397
 Katin La, III. 464
 Katir people, Kafristan, IV. 202
 Katiso hill, Rhodesia, XI. 627; height, XI. 628
 Katla volcano, Iceland, XIII. 500, 510
 Katsena river, W. Africa, XIV. 632, 634
 Katsepi, Madagascar, VI. 239
 Katrine, Loch, depths, etc., XV. 317, 350;
 Geology of district, XV. 342; Pelagic and other Organisms, XV. 336; Tem-

KATUA

- perature observations, XV. 331; Water-supply to Glasgow, XV. 313
 Katua tribe, C. Africa, XVI. 616
 Katuaka village, C. Africa, position, VII. 429
 Katulifetha, height and position, IV. 436
 Katun glacier, Siberia, XII. 185
 Katzensees, Beiträge zur Biologie des: O. Amberg, XVIII. 322 †
 Katzer, F.: Ehemalige Vergletscherung der Vratvica planina in Bosnien, XIX. 391 †;
 Ethnographie des Rio Tapajós, XVII. 679 †; Forschungsreise nach der Insel Marajó, XI. 455 †; XII. 101 †; Gebiet an der Mündung des Trombetas in den Amazonas, XVIII. 112 †; Geographie des Rio Tapajós, XVII. 94 †, 194 §; Karte der Mündung des Trombetas in den Amazonas, XVIII. 247 †; Landschaftliche Charakter von Ceará, XX. 469 †
 Kauffmann, P.: Dans la Forêt d'Arcachon, I. 180 †
 Kaulun, China, Photographs: G. P. Tate, XX. 680; Plan (Public Works Dep.), XIX. 245 †
 Kavalli river, XII. 612; XIV. 210; Hostains and d'Ollone's explorations of, XIV. 320; XV. 534
 Kavaren, C. Africa, IX. 386
 Kayirondo, Br. E. Africa, XIV. 278;
 Kayirondo: C. W. Hobley, XII. 361 *; climate, XII. 363; trade, IX. 561; tribes, II. 136, 138; XII. 364
 ——— bay, Victoria Nyanza, XVII. 305; XIX. 12
 Kawana, altitude, X. 393, 397
 Kawimbe mission station, XIII. 590
 Kaw Pungunn and Kaw Samui Is., XI. 476
 Kawraisky, F. F.: Die Lachse der Kaukasusländer, IX. 336 †; XII. 206 †
 Kaw Yai, Siam, XI. 483
 Kayapas tribe, Ecuador, I. 155
 Kayser, J.: biography, VII. 222 †
 Kayserling, M.: Christopher Columbus and participation of Jews, etc., IV. 472 †
 Kazan, population, IX. 658
 ——— river, Canada, VI. 438, 443
 Kazembe's town and country, I. 530
 Kaznakoff, M.: explorations in Tibet, XIX. 577
 Kazungula, Zambesi, IX. 121, 143
 Kea, bird of New Zealand, VII. 486, 502
 Keane, A. H.: Boer States, lands and people, XV. 666 †; C. America and W. Indies, XIX. 622 §; C. and S. America; Stanford's Compendium, XVIII. 167 §, 337 †; Ethnology, VII. 338 †, 433 §; Gold of Ophir, whence brought and by whom? XIX. 361 § 409 †; Man, past and present, XIV. 124 †, 449 §; N. Africa, Stanford's Compendium of geography and travel, V. 607 †; N. and E. Asia, Do., VIII. 92 †; Peters' Eldorado of the Ancients, XX. 531 §; S. Africa,

KELLER.

- Stanford's Compendium, VII. 113 †, 275 §; S. and W. Asia, Do., VIII. 651 †; The world, population, races, languages, and religion, IV. 475 †
 Keane, H. J.: An E. African Waterway, V. 606 †
 ———, J.: Evolution of geography, XV. 90 †
 Kearney, T. A.: Uniform systems of buoyage as adopted by various maritime nations, XIX. 787 †
 ———, T. H.: Plant geography of N. America, XVII. 212 †
 Kearton, R.: With nature and a camera, XIV. 224 †
 Kebrabasa rapids, Zambezi, XVII. 108
 Kech-Makuran, letter from Sir F. J. Goldsmid on, X. 447; M. R. Haig, X. 449; G. P. Tate on, X. 221
 Kedah, State of, IX. 2; Kedah-Senggora or Malay trans-peninsular railway, V. 605 †
 Kedong river, E. Africa, IX. 90
 Kedowa or Merto, C. Africa, IX. 384
 Keefer, T. C.: Canals of Canada, V. 183 †; Ice floods and winter navigation of the St. Lawrence, XV. 553 †
 Keeler, C. A.: Evolution of colonies of N. American land birds, II. 90 †
 Keely, R. N., and G. G. Davis: In Arctic Seas. Voyage of the *Kite* with Peary Expedition, I. 378 †
 Keene, A.: Third Burmese War, XIV. 115 †
 Kees Gebirge: see Glacier mts.
 Keewatin in Minnesota, Distribution of: C. W. Hall, XIV. 684 †
 Kef-el-Dohor, XX. 508
 Kei Is., Exploration of: C. J. M. Wertheim, III. 163 †; Observations on: H. O. W. Platten, I. 87 †; III. 256 †
 Keilhack, K.: Aus dem nordöstlichen Island, IX. 233 †; XIII. 89 †; Geologie und Morphologie der Umgebung Stettins, XIX. 522 †; Die Oberflächenformen des norddeutschen Flachlandes, XIII. 88 † 299 §; Thal- und Seebildung im Gebiet des Baltischen Hohenrucksens, XIV. 222 †; XV. 434 †
 Keis I.: see Kais
 Kej valley, Makran, VII. 394
 Kekabo, Malay Pen., IV. 233
 Kej dist. and town, C. Asia, VII. 397
 Kelantan and Trengganu, Journey through Malay States of: H. Clifford, IX. 1 *
 ——— river, Malay Pen., IV. 232
 Kelat ez Zerka, V. 9
 Kelemang falls, Malay Pen., IX. 13
 Kel-es-Suk tribe, W. Africa, IX. 444
 Keleti, K.: L. Palocz, I. 380 †
 Kellen, I.: Arel, eine deutsche Stadt in Belgien, XIII. 554 †
 Keller, C.: Landwirtschaftlichen Zustände im afrikanischen Osthorn, XIX. 657 †; Madagascar, Mauritius, and other E. African islands, XVII. 554 †; Ostafri-

KELLER

- kanischen Inseln, XII. 541 †; XIII. 416 §; Reisetudien in den Somaliländern, VIII. 310 †; IX. 341 †
- Keller, and H. Ferrandi: Eugenio Ruspoli, IV. 471 †
- , H.: Memel-, Pregel- und Weichselstrom, XVI. 570 †; Weser und Ems, XX. 465 †
- Kellogg, V. L.: King's River Canon Trail notes, XVII. 556 †
- Kelly, R. T.: Abseits vom Wege in Aegypten, XVIII. 456 †
- Keloet Eruption vom Mai, 1901: G. du Bois, XX. 123 †
- Kellsall, Lieut.; remarks on "Johore," III. 300
- Keltie, J. S.: Address to Geographical Section of British Ass., X. 308*, 656 †; Function and field geography, XIV. 347 †; Great unmapped areas on earth's surface, XI. 106 †; Partition of Africa, I. 280 †; V. 605 †; Political geography, XII. 380; Population of uncivilized countries, XVII. 683 †; Some geographical problems, X. 308*; Statesman's Year Book, †I. 381; VI. 102; VIII. 537; IX. 584; XII. 107; XIII. 689; XVI. 134; XX. 132
- Kelton, M. E.: Apperception in geography, XVI. 376 †
- Kelung, Formosa, II. 442; railway, II. 459
- Kelvin, Lord: Age of the earth as an abode fitted for life, †XIV. 123, 232, 465; on formation of great geographical lines, XIII. 232; remarks on National Antarctic expedition, XIV. 196; services to geography, VIII. 68
- Kematch, Euphrates, VIII. 457
- Kemball, G. V.: Operations of Tochi Field force, XVI. 123 †
- Kemeid, H. J.: Cairo and Egypt and life in land of the Pharaohs, XVI. 699 †
- Kemp, C., and A. Kingsbury: Map of Cape Nome and Golovin Bay, XVIII. 653 †
- , D.: Nine years at the Gold Coast, XII. 632 †
- , J. F.: Geological relations and distribution of platinum and associated metals, XX. 675 †
- Kemp, P. H. van der: Brieven . . . van der Capellen over Dipanegara's apstand, IX. 237 †; De economische oorzaken van den Javaoorlog, IX. 339 †; De Nederlandsche Factorijen in vóór-Indië in den aanvang der 19 eeuw, XIX. 653 †; De Teruggave der Nederlandsche factorijen in Hindostan, XIV. 225 †; De Zendingen van Ibbetson en Anderson naar Sumatra's Oostkust, IX. 680 †; Eine Bijdrage tot E. B. Kielstra's opstellen over Sumatra's Westkust, III. 531 †; Het afbreken van onze betrekkingen . . . met Bandjermasin, etc., XI. 311 †; Raffles' bezetting van de Lampongs, XIII. 678 †
- Kenaman river, Labrador, V. 524

KERAK

- Kenau river, E. Africa, IV. 507
- Kendal, early importance of, X. 529
- Kendall, P. F.: System of glacier lakes in Cleveland Hills, XX. 666 †
- , and H. B. Muff: Evidences of ancient glacier-dammed lakes in Cheviots, XIX. 229 †
- Kendall-Channer, G.; letter on Mansarowar and Rakastal lakes, XV. 75
- Kenderlyk village, Tibet, IX. 555
- Kend-i-Shirin, naphtha pits at, IX. 531
- Keng Tung plain, town and churches, VII. 592
- Kennaway; remarks on receiving award for Mr. Douglas, X. 110
- Kennedy, Hon. Mrs.: Photographs of Montenegro, XI. 111
- , —: Surveys in Hukong Valley, II. 152
- , A. B. W.: Alps in 1864: A. N. Moore, edited by, XIX. 765 †; XX. 638 §
- , H. A.: Story of Canada, XI. 315 †
- , J.: Early Commerce of Babylon with India, XI. 683 †
- , R. J.: Montenegro and its Borderlands, IV. 186 †
- Kennedy or Motuiti I., VI. 333
- Kennelly: Atlantic Ferry; Louisberg and Milford Haven, XIX. 239 †
- Kenny-Herbert, A. H. C.: Best method of teaching military sketching, VII. 567 †
- Kennicott, R.; explorations in Yukon district, X. 631
- Kennion, Capt.; remarks on "Journeys in C. Asia," XVI. 524
- Kent, Agriculture of: C. Whitehead, XIV. 677 †; XV. 531 §; Coasts of, IX. 538; Philips' County Readers; Kent, past and present: G. F. Bosworth, XVI. 695 †
- Kent, S.: *see* Saville-Kent
- Kentucky, Photographs: Miss Semple, XIX. 120
- mts.; Anglo-Saxons of: Miss Semple, XVII. 588*; XVIII. 643 †
- Kenya, mt., IV. 110; VIII. 288, 478; bamboo forests, IV. 110; Moraines, IV. 516; position and height, XIV. 283; valleys, lakes, and glaciers of, IV. 413; XV. 474
- Geology of: J. W. Gregory, XVI. 249 †
- Gregory, J. W.: Expedition, II. 263, 326*, 460
- Kenia district, etc.: von Höhnelt, IV. 478 †
- Kolb, G.; Expedition, VII. 550; IX. 91
- Mackinder, H. J.; Journey to Summit, XIV. 93, 564; XV. 453*; XVI. 124 †; Ascent of, XVI. 249 †
- Name of, Capt. Hinde on, XVII. 305
- Kepler als Geograph: R. Pixis, XV. 446 †
- Kerak in 1896: T. E. Dowling, VIII. 651 †

KERAK

- Kerak and Petra, Visit to: C. A. Hornstein, XII. 209†
 Kerama-jima, V. 295
 Keramos to Marsyas, route from, IX. 38
 Kerbela, Pilgrimage to, VII. 331†
 Kerbey, O.; explorations in Basin of Upper Amazon, XI. 72
 Kerekhove, G. van der: Commerce du caoutchouc, XII. 330†
 Kereselidze, D.: Gebi Village and its Inhabitants, XI. 568†
 Kergrohen, de: Mission scientifique dans le Golfe de Gascogne, VII. 683†; observations in Bay of Biscay, VIII. 301
 Kerguelen, M. de: Expedition to Antarctic, III. 6
Kerguelen I., XI. 439; XIII. 646
 Ausprache des namens Kerguelen: O. Schlüter, XIX. 777†
 Aux Terres de, etc.: E. Mercié, X. 652†
 Contribution to Petrology of: E. G. Hogg, XV. 197†
 Expedition to, under de Gerlache, XVII. 198
 German Antarctic Expedition at, XIX. 641
 Iles Kerguelen: Centre scientifique de l'expédition allemande, XIX. 237†
 Mission to, Report by Capt. Lieutard, III. 349†
 Marine Fauna: Sir J. Murray, VII. 337†, 538§
 Occurrence of Marine Fossiliferous Rocks at: R. Tate, XVII. 560†, 684§
 Station navale et lieu de déportation: P. Thirion, XII. 438†
 Keri, Zante; pitch-wells of, VIII. 395
 Keriá oasis and river, VII. 457; IX. 548; XI. 254; XIII. 157
 Kerkathal, Das mittlere: F. V. Kerner, XII. 91†
 Kerman, Persia, X. 580
 Kern, H.: Die neueste topographische Erforschung Sibiriens, VIII. 651†; Spaansche bescheiden aangaande de Filippijnen, IX. 237†
 Kerner, A.; biography, XIII. 99†
 —, F. V.: Das mittlere Kerkathal, XII. 91†
 Kerp, H.: Der Einfluss der Eiszeit auf das Natur- und Kulturbild der skandinavischen Länder, XVI. 120†
 Kerr, M. B.: Crater Lake, Oregon, and origin of Wizard I., II. 280†; Journey in Ecuador, VIII. 420†
 —, and R. H. Chapman: Table of elevations within Pacific Slope, V. 605†
 —, R.: Cuvier's essay on theory of the Earth, trsd., II. 383†; Pioneering in Mexico, V. 89†
 Kerr-Cross, D.: Crater lakes north of Lake Nyasa, V. 112*
 Kerremans, M.: Journey in basin of Upper Sanga, XIX. 755; La Mambere et le bassin de la Kadei, XX. 125†

KHANKI

- Kerry, Bog-flow in, Report of Committee: R. L. Praeger and W. J. Sollas, XI. 309†; XII. 204†; Ruins of ancient settlement in: R. A. S. Macalister's survey, XIV. 658
 Kershaw, L. J.: Report of Trade between Assam and adjoining Foreign Countries, XIV. 458†
 Kersten, L.: Bahnbauten in Persien, XX. 124†
 —, O.; death, XVII. 199; Erinnerungen an: R. Andree, XVII. 327†
 Kersting, R.: White World, XX. 673†
 Kertch and Azov trade, XX. 535†
 Kerviler: La Canal des Deux-Mers, IX. 457†
 Kesin pass, C. Asia, XVI. 520
 Kessler; on Bora in Adriatic, XX. 650
 Kéthulle, C. de la: Deux années . . . chez le Sultan Rafai, VII. 331†; Exploration on borders of Darfur, V. 81; VII. 331; Le pays des Niams-Niams, X. 456†
 Ketosh country, E. Africa, IX. 179
 Kettle, W. R.: Description of Azores or Western Is., IV. 374†; Description of Bermuda Is. and reefs, IV. 578†; Description of Cape Verde Is., IV. 577†; Supplement to Findlay's sailing directory . . . coasts of Br. Columbia and Alaska, XII. 434†; Do., S. Atlantic Ocean, XIII. 331†; Do., Indian Ocean, XI. 90†
 Kettles in glacial lake deltas: H. L. Fairchild, XIII. 97†
 Kew Observatory, Report, X. 461†
 Key dwellers' remains on Gulf Coast of Florida: F. H. Cushing, XI. 201†
 Key Is.—Key oder Kii-Inseln des O. I. Archipelago, aus dem Tagebuche eines Coloniste: H. G. Langen, XIX. 525†
 Keyes, C. R.: Composite genesis of Arkansas valley, XIX. 235†; Derivation of terrestrial spheroid from Rhombic Dodecahedron, XVIII. 340†; Eolian origin of Loess, XII. 638†; Myth of Ozark Isle, XII. 214†; Relations of Devonian and Carboniferous in Upper Mississippi valley, XI. 99†; Use of local names in geology, XII. 220†
 Keyser, E. de; on speed of travelling in future, III. 146
 Khabarova, Russia, XI. 348
 Khabur river, VII. 658
 Khairokot ruins, Makran, VII. 400
 Khalfat, Euphrates, VIII. 321
 Khamti country and people, III. 226; VII. 305, 591; VIII. 578, 584; Prince Henry of Orleans' route from Khamti to Assam, VII. 306
 Khanarik, position, XIII. 630
 Khandar Dawan, C. Asia, XVI. 507
 Khanfar, Arabia, XII. 43
 Khangai mts., Mongolia, XV. 279; D. A. Klemen' expedition to VIII. 635; XI. 428; Extinct volcanoes in: D. A. Klemen'z, XI. 311†
 Khanki river, Tirah, XII. 338, 340

KHARA-ATZARGA

- Khara-Atzarga mts., C. Asia, XVII. 304
 Kharag I., Persian Gulf: A. W. Stiffe, XII. 179*
 Kharga Oasis, XVI. 655, 659; Excursion à: H. W. Blundell, VI. 195†; Géographie physique de Khargueh: H. G. Lyons, VI. 195†; Topography and Geology: J. Ball, XIX. 527†
 Khargosh or Hare Pamir, VIII. 35
 Kharkoff, population, IX. 658; X. 199
 Khareit, Wadi, Egypt, I. 409
 Khartum, Journey from Cape to; by E. S. Grogan, XV. 280; Mahdi's attack on, II. 452; Position, XV. 279
 Khartoum-Omdurman et la chute du Mahdisme: Abbate Pasha, XIV. 459†
 Notes of journey from Zeila to: O. T. Crosby, XVIII. 46*
 With Kitchener to: G. W. Steevens, XIII. 92†
 Khashab, Wadi; topaz mines at, I. 421
 Khedivial Geographical Society—Musée de géographie et d'ethnographie: XIII. 304; XIV. 236†
 Kherson, Hydro-geological investigations in Government of: N. Sokoloff, XI. 193†
 Khevsurian Alps, Caucasus, XI. 430
 Khilifi river, E. Africa, IV. 301
 Khingan mts., IX. 558
 Expedition to, in 1891: D. V. Putiata, III. 347†
 Journey in central part of Great Kingan: G. H. Potanin, XX. 352†
 ——— through Khingan mts.: A. D. Smith, XI. 498*
 ———, Little, XI. 176
 Khirghiz tribe of Alai mts., XI. 242
 Khiva—Bilder aus Chiva: H. Vambéry, VII. 441†; New ride to: R. L. Jefferson, XV. 449†
 Kho tribe, Chitral, I. 51
 Khobdo: *see* Kobdo
 Khokand and China: E. H. Parker, XIV. 581†
 Khoms, Tripoli, IX. 624, 626
 Khonds—Dans les forêts Khondes de Ganjam: R. P. Bonaventure, VIII. 529†
 Rhone rapids of Mekong, VIII. 444
 Khorasan—
 Das heutige Chorasán: C. Hahn, V. 508†
 Genom Khorasan och Turkestan: S. Hedin, XI. 196†
 Khurasan and Sistan: C. E. Yate, XVII. 321†; XVIII. 523§
 Plains of, IX. 395, 398, 400
 Trade (Foreign Office Rep.), XV. 437†; XVI. 248†; XVII. 447†
 Khor Felus, Trip up the, and country on left bank of Sobat: H. H. Wilson, XX. 401*
 Kho Rowri, lake, Arabia, VI. 125
 Khotá Bharu, Malay Pen., IV. 233
 Khotan, Archæological work about: M.

KIBIBI

- A. Stein, XVIII. 106†; XX. 576;
 Jade trade in, VII. 456
 Khotan oasis, IX. 548; XVII. 411
 Khotan Daria, VIII. 364, 368; XIII. 65, 447; XVI. 506; XVII. 411; XX. 586;
 Source of, H. H. P. Deasy on, XIII. 656;
 XIV. 451; S. Hedin's journey between Khotan and Yarkand rivers, VI. 281
 Khuldýn Gobi plateau, E. Asia, XV. 60
 Khunjerab pass, VIII. 26
 Khunza, Himalayas, XIX. 470
 Khur, identification, VII. 456
 ———, Wadi, VIII. 350
 Khut Kanda, mud volcanoes at, IX. 398
 Khuzistan, the Identification of, I. 439
 Khwaja Salah, XIII. 471
 Khwash, Beluchistan, X. 586
 Kiær, A. N.: Projet d'explorations démographiques à exécuter dans des pays inconnus, XV. 445†; N. Osterdalen, XVII. 546†
 Kiakhta (Euphrates), Roman bridge near, VIII. 322, 470
 Kia-ling, Sze-chuan, X. 22
 Kiania, chief, VI. 216
 Kiams, Aux Monuments anciens des: C. Lemire, V. 180†
 Kiang-Kong, Shan States, VII. 584
 Kiangsu—Pays des canaux, Essai sur la province du Kiang-sou: F. Gadoffre, XX. 242†
 Kiau-chau—
 Bucht von Kiautschau und ihr Hinterland: F. Hirth, XI. 311†, 450†
 Cession to Germany, XI. 174
 Deutsche Beschreibung Kiao-tschaus, XI. 567†
 Entwicklung des Kiautschou-Gebietes: Maercker, XIX. 652†
 Gebirge des deutschen Kiautschou-Gebietes: XVII. 87†
 Kiao-teheou: A. A. Fauvel, XI. 682†
 ———, La nouvelle colonie allemande en China: A. Drahe, XVII. 87†
 Kiautschou, XVI. 576†
 Kiautschou im Jahre 1899–1900, XVIII. 105†
 Kiautschou-Bucht, XI. 450†, (map), 463†
 ———, seine Weltstellung und voraussichtliche Bedeutung: Baron F. von Richthofen, XI. 434§, 450†
 Kolonial Jahrbuch, XIII. 454†
 Rechtschreibung des Namens Kiautschou: Baron F. von Richthofen, XI. 450†
 Schantung und Kiautschou: Richthofen, XII. 608§
 Tsingtau und Kiautschou, XIX. 768†
 Kibana, position, IX. 390
 Kibero, position, IX. 390
 ——— Springs, Unyoro, Analyses of Samples of Water and Salt from, XIX. 50
 Kibibi lake, E. Africa, IV. 310

KIBO.

- Kibo, height and position, IV. 436
 Kibuze hill, E. Africa, IX. 374
 Kibwezi, plains, VII. 662; road-making, XIV. 271
 Kidori, E. Africa, IV. 100
 Kieff, population, IX. 658; Mère des villes russes: Baron de Baye, IX. 336†
 Kiel—Magnetische Beobachtungen an der Kieler Fohrde: A. Schüick, X. 647†; Temperaturschwankungen in: L. Weber, X. 647†
 — Canal — Kiel Kanal - Kommission, Officielle Karte vom Nord-Ostsee Kanal, VI. 104†; Nord-Ostsee Kanal: C. Besek, VI. 292†; Nord-Ostsee-Kanal-Nummer, "Illustrirte Zeitung," VI. 292†; North Sea and Baltic Canal, VI. 293†
 Kielstra, E. B.: Sumatra's Westkust sedert 1850, I. 182†
 Kiepert, H.: Biography, XIII. 99† XVII. 682†; Congratulatory address to, VI. 479; Festschrift für; Beiträge zur alten Geschichte und Geographie, XII. 546†; Formæ Orbis Antiqui, I. 383†; IV. 479†; Generalkarte der südost-europäischen Halbinsel, IX. 584†; obituary, XIII. 667; Selbstbiographie von, XIV. 235†; Testimonial to, XII. 85
 —, and C. Hoelsen: Formæ orbis Romæ Antiquæ, VIII. 648†
 —, R.: Aufnahme . . . in Unyamwesi, XI. 198†; Deutsch-Ostafrika, XIII. 691†; XVII. 568†; Formæ Orbis Antiqui, XVIII. 118†; XIX. 537†; Grosser Hand-Atlas, † I. 192, 575; II. 480; III. 260; V. 190; Karte der Nyasa-Expedition des Gouverneurs Freiherrn von Schele, V. 95†; Karte von Deutsch Ost-afrika, † V. 611; VI. 297; VII. 450; IX. 586; X. 347, 561; XI. 463; Karte von Kleinasien, † XIX. 245, 411, 786; XX. 566; Neue Aufnahmen deutscher Offiziere in Usagara, etc., VII. 563†; Neue Grenze Kamerun's gegen das englische Niger-Bennuë-Gebiet, III. 539†; Prince's und Stadlbaur's Reisen im Wakimbulande, XI. 685†; XII. 79 §
 —, and J. Partsch: Deutscher Kolonial Atlas, I. 384†
 Kiernowsky, J.: Distribution du vent sur la surface de l'empire russe, VII. 677†
 Kiev: see Kieff
 Kielys Mt., Nyasaland, II. 322; V. 115
 Kiffhäuser, Etwas vom: A. Kirchhoff, IX. 232†; Noch einmal über Kiffhäuser und Wodansberg: H. Grossler, XI. 448†
 Kifuha lake, C. Afrika, XIII. 534
 Kihlmann, A. O.: Nattfrosterna i Finland, IX. 678†; Pflanzenphänologische Beobachtungen in Finland, XVI. 363†
 Kikai-ga-shima or Kikai-jima, V. 293

KILIMANJARO

- Kikamba language, Vocabulary: S. Watt, XIX. 655†
 Kikumbulyu, E. Africa, II. 117
 Kikuyu, Br. E. Africa, II. 123; IV. 110; VII. 662; XIV. 273; XV. 461, 463; XIX. 2; English types of flowers and ferns in, IV. 112; fault-scarp, IV. 305, 409; uplands, IV. 304; Notes on country, people, etc.: R. Crawshaw, XX. 24*; ravines, IV. 508
 Kilauca in August, 1892: F. S. Dodge, I. 378†; A. Marcuse's observations on, I. 274; View of, VII. 566†
 Kildin I.—L'île de Kildine, Note de Venukoff, VI. 484†
 Kilela, altitude, X. 393, 397
 Kilian, W.: Contribution à la connaissance de la Franche Comté, III. 528†; geology of Jura of N. Franche Comté, IV. 60; Notes pour servir à la géomorphologie des Alpes dauphinoises, XX. 666†
 —, et E. Haug: Sur l'origine des nappes de recouvrement de la région de l'Isère, XI. 564†
 —, et Lugeon: Une coupe transversale des Alpes Briançonnaises, XIII. 451†
 —, and A. Penck: Les dépôts glaciaires, etc., VII. 220†
 Kilibas, height and position, IV. 436
 Kilik pass, height, VIII. 25, 27
 Kilimane, E. Africa, I. 97; Planta hydrographica da Barra de Quilimane, II. 288†
 Kilimanjaro, Mt.—
 Astronomische Ortsbestimmungen . . . im Kilimandjaro-Gebiet: Maurer, XIV. 460†
 Barometrische Höhenmessungen am Kilimandjaro: H. Meyer, XIV. 681†
 Botanical collection of C. S. Smith, V. 79
 Ergebnisse meiner vierten . . . Reise: H. Meyer, XII. 612 §; XIII. 91†; Do. von Hans Meyer's Forschungsreise: G. Reischel, XIII. 562†
 Exkursionen am Kilima-Ndjaru: G. Volkens, V. 595 §, 607†
 Gletscher des: H. Meyer, XIV. 118†
 Health of Europeans on, Dr. Brehme's observations, IV. 459
 Johannes' ascent, XIII. 195
 Kilimandscharo-Besteigung bis zu 5500 m. Höhe: A. Widenmann, XVI. 488†
 Kilimandscharo — Bevölkerung: A. Widenmann, XIV. 681†
 Map of, and Mt. Meru: B. Hassenstein, II. 191†
 Meyer's fourth exploration, XII. 80, 612
 Mission to: A. Le Roy, I. 567†
 Rainfall, etc.; Observations by Widenmann, VII. 429
 Reisen und Studien: H. Meyer, XV. 665†; XVI. 352 §
 Researches of G. Volkens, V. 595

Z

KILIMANJARO

Kilimanjaro—*continued*.

- Schöller's expedition, VIII. 175
 Ueber seine neue Kilima-Ndscharo-Expedition: H. Meyer, XIII. 562 †
 Vorschläge zur Verbesserung der Verbindung des Kilimandjarogebiets mit der Küste: Lent, V. 182 †
 Voyage au Kilima Ndjaro: J. Chanel, XV. 297 †
 Scientific work, German, IV. 273
 Smith, C. S.: Expedition, IV. 424 *
 Uhlig, C.: ascent, XIX. 755
 Killa Charghash, ruins, IV. 497
 Killian pass, Turkestan, V. 242
 Killister, Persia, VI. 280
 Kiloluma river, E. Africa, IV. 507
 Kilroe, J. R.: Distribution of drift in Ireland, etc., XI. 309 †; XII. 204 †
 Kilwa I. in lake Mweru: A. Blair-Watson, VI. 458 *; caves, IX. 58
 — Kisiwani, E. Africa, XVI. 561; ruins of: H. F. von Behr's description, II. 169
Kimawenzi: see Mawenzi
Kimball, H. H.: General circulation of the atmosphere, XIX. 780 †; Ice caves and frozen wells as meteorological phenomena, XIX. 220 §, 407 †; Seasonal variations in climate of Antigua, XVIII. 553 †
Kimberley, S. Africa—
 Do mining operations affect Climate of Kimberley? J. R. Sutton, XVI. 367 †
 Kimberley and its diamonds: W. G. Atherstone, VIII. 93 †
 Mud rushes in De Beer's Mine: J. R. Sutton, XII. 433 †
 Winds of: J. R. Sutton, XVI. 367 †
 — dist., W. Australia, XI. 272; Exploration, under F. S. Brockman, XX. 456; Goldfield, XI. 274
 Kimolos, L'île de: H. Hautecœur, XIX. 650 †
 Kimong, position, IX. 390
 Kimsonoi, river, XVI. 82
 Kinabalu mt., Borneo, I. 207; H. T. Burl's ascent, XIV. 207; Haviland's expedition, VII. 430
 Kinahan, G. H.: Beaufort's Dyke, XVII. 319 †
 Kinakombe, E. Afrika, IV. 100
 Kinangop mts., E. Africa, IV. 422; plateau and faultscarp, IV. 306, 409
 Kincaid, T.: Harriman Alaska expedition, XVIII. 234 †
 Kindberg, N. C.: Nya bidrag till Vermlands och Dals bryogeografi, XVI. 246 †
 Kinder, C. N.: Map showing Imperial railways of N. China, XVI. 378 †
 Kinder Scout, footpaths, XII. 429 †
 King, C.: Age of the Earth, I. 185 †; Concrete geography, XVII. 455 †
 —, F. H.: Movements of underground water, I. 364; Observations on fluctuation of ground-water, etc. (U.S. Department of Agriculture), I. 282 †

KINGSLEY

- King, Sir G.: Materials for flora of Malayan Pen., †X. 550; XII. 432; XVII. 89
 —, J. S.: History of Bahmani Dynasty, XVI. 365 †; Red Sea, why so called, XII. 632 †
 —, J. W.: Channel Pilot, XV. 662 †
 —, M.: Handbook of New York City, III. 534 †
 —, Hon. P. G.: Antarctic and southern exploration, XIV. 343 †
 —, N. A.: U.S. census reports, analysis and ratio tables and statistics for deaths, XX. 560 †
 —, W. J. H.: Photographs of Algerian Sahara, XIX. 538; Visit to the Hoggar Twaregs, XX. 507 *
 King, Mt., Three days with: B. C. Brown, VIII. 191 †
 King Charles Land, IX. 96, 101, 161; XI. 369; XIV. 52, 172; German expedition to, XII. 419; A. Pike's exploration of, X. 543
 Bidrag till Kung Karls Lands geologie: A. G. Nathorst, XIX. 110 †
 Kung Karls Land: G. Nathorst, XIII. 685 †
 Karta öfver Kung Karls Land: C. J. O. Kjellström och A. Hamberg, XIII. 221 †
 Geology, A. G. Nathorst's observations, XIX. 510
 Nathorst's surveys of, XII. 385
 Verzeichnis der Phanerogamen in König Karls Land: G. Andersson und H. Hesselman, XIV. 343 †
 — George I., S. Shetlands, XIX. 761
 — James Land, Spitsbergen, XII. 141
 — Oscar's fjord, Greenland, XIV. 535; XVII. 48
 — Oscar's Land, Antarctic, IV. 337; IX. 475, 485
 — William's Land and Bismarck Archipelago, Map, II. 479 †; Report, III. 349 †
 Kinga or Livingstone mts., XV. 421
 Kingdom of the Yellow Robe: E. Young, XII. 208 †
 King's glacier and bay, Spitsbergen, XII. 140, 152, 154
 — river, Trip about headwaters of S. and Middle Forks of: B. C. Brown, VIII. 312 †, 419 †
 Kingsley, J. S.: Obituary of E. D. Cope, X. 343 †
 —, M.: biography, XVII. 218 †; Mary Kingsley: Mrs. J. R. Green, XIX. 409 †; From an African standpoint: M. C. Hayford, XIX. 534 †; obituary, XVI. 114
 Ascent of Cameroons peak, etc., IX. 682 †; Travels in W. Africa, VII. 95 †; IX. 324 §, 341 †; Travels on W. coast of Equatorial Africa, VII. 564 †; W. Africa, from an ethnologist's point of view, XII. 326 †; West

KINGSMILL

- African studies, XIII. 420 §, 564 †; XVIII. 233 †
- Kingsmill Is. : *see* Gilbert Is.
- Kiniarok plateau, E. Africa, X. 327
- Kinipple, W. R. : Greenock Harbour, XII. 205 †
- Kinkasan, Japan, VIII. 160
- Kinsha (Chinsha) river, China, XII. 229; letter from W. R. Carles on, XIX. 518; Kinsha, Lungkiang, and Taiping rivers; letter from R. L. Jack on, XX. 111 : *see* Yangtse
- Kinta river, Perak, II. 167
- Kintampo, Slave trade in, II. 265
- Kinunka, Nyasaland, V. 121
- Kioghah-Chaldu pass, I. 66
- Kioja, lake, E. Africa, XII. 521; XIII. 2 : *see* Choga and Ibrahim
- Kiran Dag, IX. 42
- Kirando, Tanganyika, XIX. 599
- Kirby, E. V. : In haunts of wild game, VII. 332 †
- Kirchet and its critics : T. G. Bonney, XI. 458 †
- Kirchhoff, A. : Brocken als Geisterberg, XVII. 444 †; Deutschlands natürliche Gliederung, IX. 232 †; Erdkunde für Schuler nach für Preussen-gültigen Lehrzielen, IV. 472 †; Etwas vom Kiffhäuser, IV. 232 †; Hirschfeld's Vorschlägen über Umgestaltung des erdkundlichen Unterrichts, IV. 473 †; Karte von Formosa nach den besten Quellen, V. 406 †; Lagenverhältnisse von Erfurt, VII. 107 †; Marshall-Inseln, VII. 336 †; Meer in Leben der Völker, XVIII. 556 †; Pflanzen- und Tierverbreitung, XVII. 215 †; Der "Politischen Geographie" im Schulunterricht, VII. 223 †; Ueber die Vorbereitung der Geographielehrer für ihren Beruf, IV. 92 †; Umrisse zu einer Landeskunde der Karolinen, XIV. 585 †
- , and K. Hassert : Bericht über die neuere Litteratur zur deutschen Landeskunde, XIX. 766 †
- Kirghiz, The : J. Brocherel, XX. 668 †
- Steppes—Beobachtungen in den Kirgisensteppen : A. F. Stahl, XVIII. 549 †; Geologische Untersuchungen in der Kirgisien Steppe : J. Muschketow, XI. 91 †
- tribes, III. 118; of Pamirs, VIII. 36
- Kiria river, C. Asia, XVI. 504
- Kiriba mts., E. Africa, VI. 315
- Kiridugu, W. Africa, X. 250; altitude, X. 394, 397
- Kirimandugu, altitude, X. 394
- Kirin, Manchuria, II. 445, 449; XV. 655; Journey from, overland to Moscow : J. A. Greig, XII. 207 †
- Kiriwina, Despatch reporting visit to : Sir W. Macgregor, XI. 203 †; Explorations, I. 274

KITAO

- Kiriwina people, New Guinea, XVI. 271
- Kirjawa, fossils at, XIV. 518
- Kirk, Sir J. : remarks on "Acclimatization of Europeans in tropical lands," XII. 599, 605; on "Br. C. Africa Protectorate," V. 215; on "Contributions to physical geography of Br. E. Africa," IV. 514, 519; on "Journeys in Marotse and Mashikolumbwe countries," IX. 147; Photographs in Zanzibar I., and African Coast, I. 192
- , J. A. : Map of part of Trail Creek Mining Camp, VIII. 428
- , T. : The student's flora of New Zealand, XV. 86 †
- Kirk mts., C. Africa, XI. 510
- Kirkagach, altitude, IX. 275
- Kirke, H. : Twenty-five years in Br. Guiana, XII. 101 †
- Kirkguez-Keupri bridge, VIII. 328
- Kirkpatrick, J., and G. W. Prothero : Unity of the Empire, X. 344 †
- , R. T. : Lake Choga and surrounding country, XIII. 410 *; obituary, XIII. 204
- Kirkuk, naphtha pits at, IX. 530
- Kirmanshahan, Persia, VIII. 476
- Kirmasti, IX. 154
- Kirn, K. E. : Begleitworte zur Karte über die Verteilung der Wohnsitze in Satakunta, VIII. 413 †
- Kiroruma river, E. Africa, IV. 506
- Kirrit, Somaliland, XI. 30
- Kirui I. and natives, Bangweulu, XII. 249, 250
- Kirunga—Berichten des Herren von Beringe über seine Reisen im Gebiet der Kirungavulkane, XVII. 529 §; XVIII. 169 †; Besteigung des Vulkans Kirunga tscha Niragongwe : W. Schwartz, XX. 245 †, 337 §; *see* Virunga
- Kirunga-cha-gongo peak, C. Africa, V. 78, 358; XVII. 11
- Kirunga-ya-Ufumbiro, XIII. 534
- Kisaka, district, C. Africa, V. 356
- Kishin, Arabia, VI. 132
- Kishineff, population, IX. 658; X. 199
- Kish-Kishlak ruin, VIII. 267
- Kishlags of Shugnan, XVI. 676
- Kishm, Persian gulf, XIX. 127
- Kisi I., Bangweulu XII. 251
- Kisigau mt. and natives, E. Africa, VII. 554
- Kisiwa, lake, Nyasaland, V. 115
- Kismayu Bay, E. Africa, I. 210
- to Logh, A. C. W. Jenner's expedition from, XIV. 637 *
- Kissali, lake, C. Africa, IX. 560
- Kissingen, Guide to baths of; Woert's Handbooks for travellers, VIII. 306 †
- Kisukuma, Das : Grammatische Skizze, etc. : A. Seidel, V. 283 †
- Kita river, W. Africa, X. 257
- Kitangan river, Borneo, VI. 573
- Kitao, P. D. : Beiträge zur Theorie der Bewegung der Erdatmosphäre, etc., VII. 118 †

KITCHEN

- Kitchen, J., and N. Graydon: African Review map of Witwatersrandt district, VI. 298 †
- Kites—Work of U.S. Weather Bureau: H. C. Frankenfeld, XVII. 215 †; Verwendung von Drachen zu wissenschaftlichen Zwecken: E. Herrman, XII. 216 †
- Kitson, A. E.: Geological notes on Gehi river, etc., XI. 320 †
- Kittler, C.: Geographische Verbreitung und Natur der Erdpyramiden, X. 653; XI. 441
- Kiture district, IX. 382
- Kitwyi, Journey from Machako's to: J. Ainsworth, VII. 406 *
- Kiuchik Pelen, spring at, IX. 39
- Kiukiang, Trade (Foreign Office Rep.), XIV. 457 †; XVI. 576 †
- Kiungchau, Trade (Foreign Office Rep.), XV. 191 †; XVI. 576 †
- Kiunguvuvu lake, C. Africa, V. 114
- Kiutzes of Tibet, VIII. 578
- Kivari, position, IX. 390
- Kivu lake, C. Africa, V. 78, 356, 359; VII. 273; IX. 560; XIII. 529; XVI. 168; XVII. 11, 15, 38; volcanoes near, XVI. 170, 172
- Bericht des von Dr. Kandt über seine Reisen am Kivusee, XV. 438 †, 178 §
- Congo-German frontier, XVI. 105; Delimitation Commission, 338; death of Dr. Lamp, XVIII. 312; German boundary expedition under Herrmann, XVII. 429
- Kivu-Vulkane: Haupt. Herrmann, XIX. 217 §, 526 †
- Map—Karte des Kivu Sees: R. Kandt, XX. 103 §, 253 †
- Neuere Forschungen im Gebiete des Kivusees: H. Singer, XVII. 676 †
- Sharpe, A.; explorations, XIV. 662
- Versuch einer Monographie des Kivu-Sees: A. V. Bockelmann, XX. 245 †
- Kiwende, C. Africa, I. 104
- Kiwirwa, river, Nyasaland, V. 116
- Kiwis of New Zealand, IV. 48
- Kizil Irmak, etc.: see Irmak, etc.
- Kizilbash tribes, XX. 186; Survivals among: J. W. Crowfoot, XVIII. 326 †, 440 §
- Kizil-su, river, IV. 62
- Kiziwani river, E. Africa, IV. 428
- Kiz Kaian, Makran, VII. 390
- Kjellen, R.: Studier öfver Sveriges politiska gränser, XV. 661 †
- Kjellström, C. J. O.: Exkursion för uppmätning af Van Mijens Bay, XVIII. 238 †
- och A. Hamberg: Karta öfver Kung Karls Land, XIII. 221 †; photographs of Spitzbergen and neighbouring islands, XIII. 692
- Klabar State, Malay Pen., IV. 226
- Klajce, H.: Die geographischen Lehraufgaben der beiden Tertian, IX. 347 †

KLONDYKE

- Klaksvig, Faeroes, VII. 11
- Klamath mts., physiographic features: F. M. Anderson, XX. 248 †, 454 §
- Klein, Augusta: Among the Gods, Scenes of India, VI. 97 †
- , H. J.: Jahrbuch der Astronomie und Geophysik, †II. 92; IV. 382; VI. 101; VII. 448; XI. 103; XII. 217; XIV. 234; XVIII. 240; XX. 252
- , R.: Der Nordföhn zu Tragöss, XVII. 442 †
- Kleiner Handelsatlas für Lehranstalten: P. Langhans, VI. 400 †
- Klein Letaba gold region, II. 224, 229
- Klemenz, D. A.; expedition to Khangai mts., VIII. 635; XI. 428; in C. Asia, XIII. 658; Notice on extinct volcanoes in N. Mongolia, XI. 311 †; on glaciers of Mongolia, XI. 311 †; Voyages en Mongolie occidentale, XV. 191 †, 278
- , und Radloff: Nachrichten über die . . . Expedition nach Turfan, XVII. 87 †
- Klemm, G.: Bemerkungen zu F. Kinkelins Arbeit "Beiträge zur Geologie der umgegend von Frankfurt," XVIII. 631 †; Glacialerscheinungen im Odenwald und Spessart, VIII. 188 †; Gletscherspuren im Spessart und östlichen Odenwald, V. 179 †; Ueber ein typisches Lössprofil bei Aschaffenburg, X. 338 †
- , L. R.: Relief practice maps of Europe, etc., V. 96 †
- Kleritj, L.: Konstruktion der Parallelkreisbilder im Netze der Mercator-Projection, XX. 471 †
- Klerks, E. A.: Geographisch en Ethnographisch opstel over de Landschappen Korintji, VIII. 91 †
- Klett, C. L.: Estudios sobre produccion de la Republica Argentina, XVII. 324 †
- Klickener Luch, Wüstungen in: E. Weyhe, XIV. 577 †
- Kling, E.: Meine Reise in Togoland, VII. 563 †; Journey in Togoland, II. 264
- , and R. Büttner: Ergebnisse der Forschungsreisen im Hinterlande von Togo, II. 279 †; III. 348 †
- Klipfontein, S. W. Africa, II. 30
- Klobb: La Région du Tombouctou, XV. 550 †
- Klok bay, Spitzbergen, IX. 357, 364
- Klondyke**—
- Adventurers at: T. C. Down, XIII. 94 †
- Alaska et les mines d'or du Klondyke: J. Cambefort, XI. 316 †
- Au Klondyke: E. de Lamare, XIV. 120 †; (Notes de route): E. Richet, XI. 570 †
- vers le pays de l'Or: J. Servigny, XIV. 683 †
- Aux mines d'or du Klondyke: L. Boillet, XIV. 339 †
- Chemin de fer du Klondyke: G. Labadie-Lagrave, XVI. 252 †

KLONDYKE

Klondyke—continued.

- Clondyke goldfields: M. S. Wade, X. 650 +
 Expedition till Klondike: O. Norden-skjöld, XIV. 120 +
 Goldfelder von Klondike: E. Deckert, XI. 316 +
 Goldfields, The: H. de Windt, X. 553 +
 ———, Preliminary report: R. G. McConnell, XVI. 370 +, 687 §
 ——— of Br. Columbia and: W. H. Merritt, XII. 326 +
 History and literature, X. 631
 Klondike: F. Shaw, XIII. 564 +; XIV. 120 +
 Klondyke and fortune: C. E. Haverly, XI. 316 +
 ——— and its approaches: Bishop of Caledonia, XII. 542 +
 ———, l'Alaska, le Yukon, etc.: L. de Lobel, XIV. 229 +
 Maps—Canadian Pacific Rly. and connections, showing routes to, XI. 692 +; Johnston's map, XI. 463 +; Philip's, XI. 691 +; Tyrrell, J. B.: Goldfields and Vicinity, XIII. 692 +
 Mines d'or du Klondyke: G. N. Tricoche, XII. 435 +
 Overland routes to: H. Garland, XII. 213 +
 Photographs (Klondike and Yukon rivers): M. Marsden, XX. 136
 Pioneering in: A. Macdonald, XIV. 229 +
 Pioneers of: M. H. E. Hayne and H. W. Taylor, XI. 96 +
 To Klondyke and back: J. Secretan, XII. 326 +
 Two women in Klondyke: M. E. Hitchcock, XV. 84 +
 Voyage au pays des mines d'or: R. Auzias-Turenne, XIII. 456 +
 Waterways to: H. B. Small, X. 650 +
 Winter weather record: E. W. Nelson, XI. 200 +
 Kloos, J. H.: Die Höhlen des Harzes und ihre Ausfüllungen, I. 82 +
 Klose, H.: Bericht über eine Reise von der Station Misahöhe, etc., IX. 340 +; Togo unter Deutschen Flagge, XV. 551 +; XVI. 106 §
 Klossovsky, A.: La vie physique de notre Planète, XV. 299 +
 Klotz, O. J.: Alaska, IV. 377 +; Notes on glaciers of S. E. Alaska, XIV. 523*: XV. 299; Photo-topographical method of surveying Baird glacier, Alaska, VI. 489 +
 Klovstad, H.: death of, XVII. 199
 Knapp, C., und M. Borel: Geographisches Lexikon der Schweiz, XVI. 573 +
 Knett, J.: Ueber die Beziehungen zwischen Erdbeben und Detonationen, XIX. 661 +
 Knibbs, G. H.: Observations on determinations of drought-intensity, XVI. 588 +

KNUDSEN

- Knight, E. F.: Letters from Sudan, IX. 462 +; Rhodesia of to-day, V. 181 +; Where three empires meet; . . . travel in Kashmir, etc., II. 89 +
 ———, J.: attempt on North-West passage, II. 151
 ———, W. C.: Wyoming fossil fields expedition, XVII. 453 +
 Knight-Bruce, Bishop: biography, IX. 468 +; Country East of junction of Sabi and Odzi rivers, I. 344*; Memories of Mashonaland, VII. 332 +
 ———, Mrs.: Story of an African chief, IV. 471 +
 Knipovitch, N.: Matériaux concernant l'hydrologie de la Mer blanche, XIII. 213 +; Scientific investigation of Murman Sea, XVIII. 307
 Knipping, E.: Das Wetter zwischen dem La Plata und Kap Horn, X. 341 +; Luftströmung in Japan, VII. 441 +; Sturmtabellen für den Atlantischen Ozean, XIX. 111 +; Ueber den Genauigkeitsgrad der Bahnbestimmung barometrischer minima, XIV. 233 +
 Knochenhauer, B.: Geologische Untersuchungen im Kamerungebiet, V. 606 +
 Knoeknagecha, Bog-slide of: G. A. Cole, IX. 337 +
 Knoll, E.: Eine Reise durch Sardinien, VIII. 648 +
 Knollys, R. J.: Br. Honduras; Outlines of geography, I. 378 +
 Knonan, G. M. von: Josias Simler als Verfasser, etc., X. 555 +
 Knott, C. G.: Propagation of earthquake vibrations through the Earth, XVI. 704 +
 Knowles, W. J.: Report on historic remains from sandhills of coast of Ireland, XIX. 523 +
 Knowlton, F. H.: Flora of Independence Hill, IX. 342 +
 Knox, A.: Geographical index to books, etc., + XIV. 467; XVI. 495; XX. 365; Guide to recent large-scale maps, XIV. 237 +; remarks on "Journeys in Marotse and Mashikolumbe countries," IX. 148
 Knox, Capt. Robert: D. W. Ferguson, X. 655 +
 Knudsen, M.: Abhängigkeitsverhältniss . . . Sauerstoff . . . des Meerwassers und dem Plankton, IX. 245 +; Einfluss des ostisländischen Polarstromes auf das Klima der Färoer, XVII. 84 +; on gases dissolved in sea-water, IX. 669; Hydrographischer Lehrsatz, XVI. 589 +; Influence du plankton sur les quantités d'oxygène, etc., IX. 245 +; Ingolf-Expeditionenens hydrografiske Undersøgelser, XIII. 98 +; L'oceanographie des détroits danois, XIX. 649 +; On physical and chemical constants of sea-water, XVI. 445; Plankton marin et les gaz de l'eau de mer, X. 125 +

KNUDSEN

- Knudsen, R.: Under Ostkysten af Grønland, 1893, III. 350 †
 Kobbe Sans, Tibet, IX. 554
 Kobdo, river and lakes, Mongolia, V. 571, 574; IX. 442; XV. 56; XIX. 578
 Kobelt, W.: Die zoogeographische Stellung der Insel St. Helena, VII. 679 †
 Koch, A.: Carte de la Cochinchine française, XVII. 458 †; expedition to Java and New Guinea, XV. 286
 —, F. W.: Through Death Valley, II. 280 †
 —, G. A.: Die Temperaturbewegung des Gmunden oder Traunsee's und Traunflusses, VI. 395 †
 —, R.: Reise-Bericht über Rinderpest, etc., XIII. 331 †; Versuch zur Immunisierung von Rindern gegen Tsetsekrankheit, XIX. 398 †
 —, T.: Die Guaikurustämme, XX. 470 †; Die Linguas-Indianer in Paraguay, XVII. 94 †
 Kochait mt., Patagonia, XIV. 263
 Kochetovka, magnetic pole at, XI. 663
 Kodaboro Hills, Egypt, I. 428
 Kodaikanal and Madras observatories, Report, XVIII. 324 †
 Koe, A. B.: African adventure, XII. 541 †
 Koegel, F.: Die Reichenspitzengruppe, XI. 307 †
 Koetschet: Les progrès de la Bosnie, IX. 457 †
 Koettlitz, R.: From Para to Manaos, XVII. 558 †; Geology of Franz Josef Land, XI. 132; Journey through Somaliland and S. Abyssinia, XVI. 581 †, 700 †; XVII. 677 †; (Notes on Geology and Anthropology), XV. 264*; Notes on Galla of Walega and Bertat, XVII. 552 †; Observations on Geology of Franz Josef Land, XIII. 96 †; Polar Work: What it is, etc., XIX. 238 †; Three years in Arctic, XII. 438 †
 Kohai, Lagoon of, Annam, II. 202
 Kohaito plateau, Egypt, II. 140
 Koh-i-Malik-Siah, IX. 393; XI. 60
 Koh-i-Sultan, IX. 414; XI. 59
 Koh-i-Taftan, IX. 408
 Kohlbrugge, J. H. F.: Geographische Beschrijving van het Janggebergte, XI. 313 †
 Kohlenberg, A.: Das Schwimmende Land von Waakhausen, XII. 426 †
 Kohler, E. M.: Kritische Studien zur Bevölkerungsfrage Chinas, XVI. 100 §, 122 †
 —, U.: Das asiatische Reich des Antigonos, XIII. 557 †; Die Eroberung Asiens durch Alexander den Grossen, XII. 330 †
 Kohlhauser: Ein Besuch in Port Hamilton und Chemulpo, VI. 195 †
 Kohoto I., Lake Bangweulu, XII. 256
 Kohlenstationen und Flottenstützpunkte: O. Fulst, XVI. 494 †
 Kohlschütter, E.: Astronomischen und

KOLGUEFF

- geodätischen Arbeiten der deutschen Grenzregulierungs-Kommission, XVII. 429 §, 554 †; Grabenländer im Nördlichen Deutsch-Ost-Afrika, XIX. 528 †; Kartographischen und geophysischen Arbeiten der Pendel-Expedition . . . in Deutsch-Ost-Afrika, XIX. 639 §, 656 †; Resultate von Längenbestimmungen in Deutsch Ostafrika, XX. 125 †
 Kohlschütter, E. and Glauning: Pendulum expedition in E. Africa, XVI. 352
 —, Hermann, and Glauning: Deutsch-Englische Nyasa-Tanganyika-Grenzexpedition (map), XVII. 429 §, 458 †
 Koht, H.: Norvège et Suède, XIII. 556 †
 Kohut, A.: Biography of Sophus Ruge, XVII. 682 †
 Koi-Tezek, mt., Shugnan, XVI. 669
 Koivai, K.: Trip around Noto Penins., XIII. 90 †
 Kokala, VI. 263
 Kokang, Shan State, X. 209
 Kok-moinak pass, C. Asia, II. 59; VI. 351
 Koko-kutul pass, III. 366
 Koko-nor, C. Asia, III. 385, 465; XI. 406; XII. 273; birds of, VIII. 171
 Koko-shili range, C. Asia, III. 369; XI. 400
 Ko-kou-rye, Stèle chinoise du royaume de: M. Courant, XII. 430 †
 Koksoak river, Labrador, V. 519
 Kok-su, river, C. Asia, IV. 173
 Kokut mt., Sudan, VIII. 352
 Kola goldfield: F. H. Hatch, XVIII. 230 †
 — Peninsula—Geologie der Halbinsel Kola: W. Ramsay, XV. 547 †; Geologische Entwicklung der Halbinsel Kola in der Quartärzeit: W. Ramsey, XIX. 767 †
 Kola nut, of Hausaland, VIII. 203; Kola in Westafrika: Graf Zech, XVIII. 90 §, 111 †
 Kolb, G.: ascent of mt. Kenya, VII. 550; IX. 91; death, XIV. 672; Mombasa durch Ukambani zum Kenia, IX. 105 †; Originalkarte von Ukambani und dem Kenia-Gebiet, VIII. 656 †
 Kolbach, K.: Eine Harz-Wanderung, XX. 120 †
 Kolbe, H. J.: Ueber die Entstehung der zoo-geographischen Regionen auf dem Kontinent Afrika, XIX. 654 †
 Kolgueff I., XI. 336
 Forgotten Visits, letter from A. Montefiore, V. 277
 Geology of Arctic Europe and its islands, Part I, Kolguev I.: H. W. Feilden, VII. 439 †;
 Ice-bound on Kolguev: A. Trevor-Battye, VI. 484 †
 Kolgueff, I.: H. W. Feilden, VII. 439 †
 —: A. Trevor-Battye, V. 97*
 Pearson's expedition at, VI. 287

KOLGUEFF

Kolgueff—continued.

- Trevor-Battye's visit to, IV. 462, 569
 Warm currents off, VII. 556
 Kollm, G.: Der XIII. deutsche Geographentag in Breslau, XVIII. 460 †
 Kollmann, J.: Pygmäen in Europa und Amerika, XX. 365 †
 ———, P.: Victoria Nyanza, land, races, etc., XV. 551 †; Waldungen und der Waldbau des Herzogtums Oldenburg, IV. 184 †
 Kolor, ruins of ancient town of, II. 140
 Kolthoff; expedition in E. Greenland, XVI. 566
 Kolumadulu atoll, Maldives, XIX. 283
 Kolwah district, Kech-Makurán, X. 221
 Kolymsk district, Vanished races of: V. Yokhelson, XII. 207 †
 Kom Ombos, Egypt, I. 422
 Kom mts., Montenegro, IV. 392
 Komaab plateau, S.W. Africa, II. 41
 Komati river, S.E. Africa; A. Grandjean on system of, XVI. 350
 Komischke, W.: Alte Bett des Oxus, I. 64 §, 84 †; Hydrographie des Oxus Beckens, III. 251 †
 Komoan: De vogelnestgrot Rongkòb in Djokjakarta, XII. 96 †
 Konche-daria, XI. 654, 656
 Konde country and people, C. Africa, V. 113, 118
 Konde country: Merensky, II. 321 *
 Weitere Resultate der meteorologischen Beobachtungen im Kondeland, XIV. 459 †
 Kondekoro, altitude, X. 394
 Kondratenko, E.: Ethnographical map of Transcaucasia, VII. 548; Tables showing distribution of population of Transcaucasia, XII. 206 †
 Kong, C. Africa, I. 164; IV. 459
 Kongalolo lake, E. Africa, IV. 299
 Kongo: *see* Congo
 Kongsberg ertsdistrikt: C. A. Münster, IX. 677 †
 Koni, E. Africa, IV. 100
 König, H.: Beitrag zur Kenntniss der Windverhältnisse auf der Segelroute, XIII. 101 †; Dauer des Sonnenscheins im deutschen Küstengebiet, VIII. 528 †; Dauer des Sonnenscheins in Europa, IX. 573 †
 ———, C.: Die historische Entwicklung der pflanzen-geographischen Ideen Humboldts, VI. 199 †
 Königsberger Geographischen Gesellschaft, Hundert Versammlungen der: W. Tesdorpf, XII. 220 *
 Koning and Oosterzee: Het Santani-meer, XX. 471 †
 Konrau: *see* Conrau
 Konshin, A. M.: Solution of problem of ancient course of Amu-daria, XII. 208 †, 307 §
 Konso people and mts., VIII. 222

KOREA

- Konstantinidos, G. M.: Topographia tes nesou Kuprou, II. 472 †
 Kootenay Plains, Rocky Mts., V. 54;
 Kootenay district, E. and W., map: F. Fletcher, X. 561; Pointed bark canoes of, and Amur: O. T. Mason, XVIII. 342 †
 Kopa estuary, Siam, VI. 532
 Koperberg, M.: Het Meer "Danau" in Bolaang Mongondo, XV. 192 †
 Köppen, F. T.: Vorkommen des Bernsteins in Russland, III. 250 †
 ———, N. von: Die Kulturentwicklung Finnlands, VII. 109 †
 ———, W.: Currents of Arctic Seas, II. 464; Dreigliederung des Menschengeschlechtes, VI. 394 †; Gegenwärtige Lage . . . der Klimatologie, IX. 112 †; Ist die Veröffentlichung von Einzelbeobachtungen vom Ozean anzustreben? XIV. 344 †; Jahres-Isothermen . . . der Meeresoberfläche, XIII. 98 †; letter on orthography of geographical names, II. 71; Regengebiete des Europäischen Russlands, VI. 481 †; Rucktransport der Luft . . . in den gemäßigten Zonen, XV. 88 †; Schreibung geographischer Namen, I. 431 §, 473 †; Temperatur-Anomalie der Meeresoberfläche, XIII. 328 †; Versuche einer Klassifikation der Klimate, XVII. 326 †, 436 §; XVIII. 239 †; Windhose . . . bei Oldenburg und die Gewitterböe . . . IX. 467 †
 Koppename: *see* Copenname
 Koppenteich lakes, VI. 565; Morphometrie: K. Peucker, IX. 103 †; O. Zacharias investigations, X. 323
 Kopsch, H.: Britain's trade with China, XIX. 105 †
 Koran, or Alkoran of Mohammed; translated from Arabic, V. 403 †
 Korat, town, Siam, VIII. 440
 ———, tribe, VIII. 438
 Korbangai, or cleared space of Sierra Leone towns, IV. 128, 137
 Korayo valley, Somaliland; H. S. Mainwaring's notes on, VI. 474
 Korchew district, Russia—Petrovski lakes of: P. A. Belski, XX. 121 †
 Kordofan—Hochebene Kordofans, Zug im Antlitz der Erde: G. Linck, XX. 355 †; Reise nach: Id., XVIII. 328 †
 Kordon, F.: Die Hafnergruppe, XIII. 674 †; Touren im Bereiche des Malleintales, VII. 107 †
Korea (*see also* East, The)
 A travers la Corée: M. Monnier, XV. 549 †
 Anthropologie de la Corée: E. T. Hamy, IX. 575 †
 Besuch in Port Hamilton und Chemulpo: Kohlhauser, VI. 195 †
 Corea: C. T. Gardner, VIII. 650 †
 ———: E. H. Parker, XI. 313 †
 ——— and Cho-sen, Land of Morning Calm: A. H. Savage-Laudor, V. 508 †

KOREA

Korea—continued.

- Corea, China, and Japan : R. S. Gundry, V. 87 †
- Corée : V. de Lagnérie, XII. 96 †
- ; Le port de Ma-San-Pho : A. Fauvel, XVI. 697 †
- ou Choson : Chaillé-Long, II. 278 †
- Coréens, Les, Chastang, IX. 237 †
- Dans la Corée septentrionale : M. Bret, XV. 80 †
- Description d'un atlas Sino-Coréen : H. Cordier, VIII. 91 †
- Description of, compiled at office of Minister of Finance, XVII. 673 †
- Exploration—Mrs. Bishop's journeys, IV. 172; V. 160; Brass, E.: Travels through Korea, I. 469 †; Baron von Grünau's journeys in, XI. 178; Hillary, F.: Journey to N. of Corea, XVII. 551 †; Schmidt: Korea-Sakhalin expedition, XVIII. 106 †; (journey on E. coast), XVIII. 213; Unexplored areas, II. 493; Willis: journey, IX. 661; Warner, L. O.: Journey of exploration, I. 469 †; 546; (letter from Mrs. Bishop on), XI. 563; Zvegintzov, A.: Journey in N. Korea, XVIII. 106 †
- General account of: Chaillé-Long, I. 469 †
- Gewichte, Masse, etc., in Korea : H. Arnous, VII. 330 †
- Korea and her neighbours : Mrs. Bishop, XI. 288 §, 312 †
- and the Koreans : W. E. Griffis, VI. 295 †
- and Sacred White mountain, etc. : A. E. J. Cavendish and H. E. Goold-Adams, III. 346 †
- , China, and Japan : Baron F. von Richthofen, IV. 556 *
- einst und jetzt : C. Wolter, XX. 123 †
- , the hermit nation : H. Webster, XVI. 248 †
- , Pearl of the Orient : C. M. Salwey, XVI. 366 †
- Koreans, character of, IV. 560; settlers in Manchuria, XIV. 296
- Korea's geographical significance : H. B. Hulbert, XVII. 320 †
- Maps—Ministry of Finance, St. Petersburg, XX. 253 †; Japanese map of Korea and parts of China, XIV. 468 †; R. A. de Villard's Map, IV. 582 †
- Materiali per la geografia della Corea : L. Nocentini, VIII. 651 †
- Mourning and burial rites of: E. B. Landis, VIII. 91 †
- Notes on Corea and its people : H. S. Sanderson, V. 508 †
- on dolmens, etc., of: W. Gowland, V. 508 †
- Quaint Korea : L. J. Miln, VI. 295 †
- Rainfall—Regentafeln von China und Korea : A. Supan, VIII. 636 §, 650 †

KOTO

Korea—continued.

- Ritt quer durch Korea : Baron von Grünau, XI. 91 †
- Russland und Korea : E. Bretschneider, XVIII. 637 †
- Tche-nam-po, nouveau port Coréen : A. Fauvel, XIV. 115 †
- Trade—Foreign Office Rep., I. 456 §; XIV. 561 §, 580 †; XVII. 71 §, 89 †; XVIII. 637 †; XX. 556 †; trade with Manchuria, IV. 536
- Kornerup, T.: Aperçu des "Meddelelser om Grönland," XVI. 373 †
- Koroglu, mt., Asia Mi., XX. 652
- Korokoro, E. Africa, IV. 102; VIII. 286
- Körösy, J. de: Le recensement séculaire du Monde en 1900, XI. 574 †; Internationalen Nomenclatur der Todesursachen, XV. 445 †; Publicationen des Statistischen Bureau der Budapest, XIII. 88 †
- , and G. Thirring: Budapest; Resultate der Volksbeschreibung und Volkszählung, VII. 108 †
- Korpanik, Roman bridges at, VIII. 330
- Korshinsky, S. J.: biography: P. von Stenin, XVII. 565 †; Tentamen Floræ Rossæ orientalis, XIV. 112 †
- Korte, A.: Kleinasien und der Westen im Altertum, XX. 242 †
- Kortfattet Geografi: H. Reusch, IX. 116 †
- Kosair, Hadramut, IV. 317
- Köscak J.: La Bosnie et l'Herzégovine, XXI. 391 †
- Kosciusko, mt., and neighbourhood, Trigonometrical survey of: J. Brooks, III. 520; Meteorological observatory, X. 330
- Kosi, E. Africa, VIII. 285
- Koslowsky, J.: Algunos datos sobre los Indios Bororó's, VII. 445 †; El rol de los Termitos, etc., VII. 449 †; Tres semanas entre los Indios Guató's, VII. 445 †
- Kosobeji, Nupe village, X. 355
- Kosova tribe, C. Africa, XVI. 80, 86; XIX. 4
- Kosovo—Reiseeindrücke aus dem Vilayet: K. Oestreich, XV. 662 †; XVI. 222 §; Reisen im Vilayet, XV. 294 †
- Kosseir Amra, Arabia, XX. 101
- Kossina, G.: Entwicklung der germanische Volksgrenzen, VII. 561 †
- Kossmat, F.: Die Geologie der deutschen Schutzgebiete in Afrika, XI. 314 †; geological researches in Arabia and Sokotra, XIII. 537, 640
- Kosso-gol, Mongolia, Russian expedition to, XI. 177
- Kostinsky, S.: Contributions to terrestrial magnetism, V. 184 †; Sur les variations de la latitude de Poulikovo, V. 396 †
- Kotakota, Nyasa, I. 102; X. 169; position, X. 171
- Koto, B.: Archæan formation of Abukuma plateau, I. 469 †; Cause of great earthquake in Japan, 1891, II. 473 †; III. 213 §; Notes on geology of dependent

KOTTO

- isles of Taiwan, XVII. 89†; On geological structure of Malay Archipelago, XV. 60
- Kotto river, C. Africa, VII. 203
- Kotvich, V., and L. Borodovski: Liao-Tung and its ports, XV. 435†
- Kouznetsoff; expedition into Bokhara, X. 210
- Kovalevsky; W. de: La Russie à la fin du 19^e siècle, XVII. 445†
- Koversky, E. A.: Sketch of various geodetic works . . . of great Siberian railway, XII. 207†
- Kövesligethy, R. von: Neue geometrische Theorie der seismischen Erscheinungen, XI. 458†; Ueber . . . Morphometrie der Erdoberfläche, XI. 205†
- Koweit—Affaire de Koueit: H. de Peyerimhoff, XIX. 231†
- Koyun Daghi I., Lake Urmi, XIV. 513
- Kozloff, P. K.: Central Asian expeditions, VIII. 161*; IX. 553; XV. 56; XVI. 100; XVII. 303; XVIII. 441, 532, 620; XIX. 85; (Account of), XX. 242†; Nachrichten von der Expedition von: Krahmer, XVIII. 229†; XIX. 768†; Lob-nor, XI. 652§, 683†; XII. 324†; Photographs of Tibet and China, XX. 478; Reise in C. Asien, XVIII. 105†; Russian Tibet expedition, XIX. 576*; Schematische Darstellung der Reiseroute im östlichen Tibet, XX. 253†
- Kra, Isthmus of, Canal scheme, VI. 421
- Kraatsch-Koschlaw: see Huber, J.
- Kraemer, A.: Ein Planktonausflug . . . Gegend Neu-Seelands, VII. 566†
- Krafft, A. von: Mittheilungen über das ost-bokharische Goldgebiet, XIV. 116†
- , H.: A travers le Turkestan russe, XIX. 654†, 743§; Aus ruines de Bologary, IX. 574†; Reiseerinnerungen aus Sibirien und dem Uralgebiet, XX. 467†
- , M. A.: Eboulement préhistorique de Flims, XX. 240†
- Krah tax, Trengganu state, IX. 19
- Krahmer, D.: Altarmenische Hauptstadt Ani, VII. 213†; Bogdanowitsch' Ocbotskisch - Kamtschatkasche Bergexpedition, XVI. 366†; Expedition der Kaiserl. Russ. Geogr. Gesellschaft nach Mittel-Asien, †IV. 85; V. 280; VII. 677; Kulikowski's . . . Untersuchungen über Seen in dem Gebiete von Onega, V. 279†; Nachrichten von der Expedition P. K. Koslows, XVIII. 229†; XIX. 768†; Nördliche Seeweg aus Sibirien nach Europa, XX. 668†; Russische topographische . . . Aufnahmen in Sibirien, XI. 91†; Russland in Mittel-Asien, XIII. 559†; Seen der Gouvernements Twer und Smolensk, VII. 109†; Sibirien und die grosse Sibirische Eisenbahn, XII. 207†; Transbaikalien, VII. 213†
- Krahmass, A.: Coincidence des phénomènes météorologiques, etc., V. 92†

KREBS

- Krakar I.: see Dampier
- Krakatoa, Seismic wave caused by eruption of, IV. 259, 262; De eilanden Krakatau: J. Muller, X. 550
- Krakau: see Cracow
- Krämer, A.: Angeblichen Hebungen und Senkungen in Samoa, XVI. 255†; Beusch der Insel Nauru, XII. 636†; Beusch von Gran Canaria, XVII. 448†; on fluctuations of level in Samoa, XV. 285; Phallusberg von Molokai, XI. 319†; Samoanische Königsfrage im Hinblick, XIX. 122†
- Kramer, P.: La Industria en Bolivia, XV. 554†; Un nuevo Departamento, XI. 318†
- Kramp, F. G.: Die Geschichten der Ontdekking van het eiland Sachalin, V. 508†; Japan or Java? answer to Mr. Collingridge's article, IV. 85†, 270§
- Krapakia lagoon, Nicaragua, XI. 660
- Krassnov, A. von: Beobachtungen aus dem Gebiet der nordostasiatischen Inselwelt, VII. 442†; Flora der sudrussischen Steppen, XIX. 395†; Island of Sakhalin, VII. 422*; Stellung von Kolchis in den feuchten subtropischen Gebieten der Erde, XIX. 397†; Steppes de la Russie méridionales, etc., III. 529†; on types of vegetation in Sakhalin, II. 459
- Krasnoyarsk and Irkutsk, railway between, V. 151
- Kraus, F.: Geographie und Höhlenkunde, VII. 221†; Les eaux souterraines de la Bosnie-Herzégovine, VIII. 410†
- Krause, A.: Tenerife; Reiseskizzen aus dem Jahre 1893, IV. 87†
- , E. H. L.: Ehemalige Thorner See XII. 426†; Existenzbedingungen der nordwestdeutschen Heidefelde, VIII. 528; Gräberfeld bei Vitke in der Altmark, VIII. 647†; on pine forests, succeeded by oak brushwood, XII. 409; Reiseerinnerungen von Dominica, II. 280†; Steppenfrage, III. 351†; Vegetationsskizze des Gouvernements Poltawa, XI. 193†; Vegetationskizze Mittelrusslands, X. 647†
- , G. A.: letter on position of Salaga, W. Africa, I. 74
- Krauske, M.: Breslau's Stellung im Schnellverkehr, XIX. 227†
- Krauss, A.: photographs of Mexico, XI. 692
- , P.: Radfahrer-Uebersichtskarte von Deutschland und den benachbarten Ländern, XIX. 113†, 535†; Spezialkarte von Deutsch-Ostafrika, VII. 687†
- Krausse, A.: The Far East, its history and its question, XVII. 320†; Russia in Asia, record and study, XVII. 321†
- Krebs, W.: Dürren, Nothstände, Unruhen in China, I. 83†; Klima Ost-Asiens, VII. 329†; Luftdruckbeobachtungen in British-Indien, XVII. 88†; Wirkliche Wasserscheiden und fliegende

KREITNER

- Aufnahmen, etc., XX. 564 †; Witterungsverlegung von niederen nach höheren Breiten, II. 567 †
- Kreitner, G. von: Fujiyama, II. 473 †; on railway projects in China, XII. 515; Report on astronomical and topographical results of Count Széchenyi's journey, III. 313 §
- Kremmitz in Oberungarn, XX. 465 †
- Krems, duration of snow-layer at, IX. 557
- Kremser, V.: Die klimatischen Verhältnisse des Memel-, Pregel- und Weichsel-Gebietes, XVI. 570 †
- Kretschmer, K.: Atlanten des Battista Agnese, IX. 467 †; Atlas der Festchrift der Gesellschaft für Erdkunde zu Berlin, I. 95 †; Beziehungen zwischen Geographie und Geschichte, XV. 446 †; XIX. 410 †; Christoph Columbus als Kosmograph, I. 90 †, 176; Deutsche Südpolarexpedition, XVII. 680 †; Great Columbian Atlas, I. 57 §; Katalanische Weltkarte, XI. 207 †; Norden-skiöld's Periplus, XIV. 235 †; Physische Entwicklung der Nordsee-Küste in historischen Zeit, XVIII. 103 †
- Krichtafovitch, N.: Annuaire géologique . . . de la Russie, IX. 233 †, 678 †
- Krieg: Hydrographische Beobachtungen . . . New Guineas, X. 652 †
- Krieger, M.: New Guinea, XV. 86 †
- Krishna, Pundit, Explorations of, IV. 52
- Kristensen, L.: *Antarctic's* Reise til Syd-ishavet eller Nordmaendenes Landing paa Syd Victoria Land, VIII. 422 †; map of *Antarctic's* track to Victoria Land, VI. 400 †
- Kriva lake and river, Kolgueff I., V. 101
- Krka, Hydrologie der Intern: A. Gavazzi, VII. 106 †
- Kroesen, J. A.: expedition to S. Coast of New Guinea, XX. 344; Nota omtrent de Bataklanden, XV. 192 †
- Kronecker, F.: Einiges . . . der Malaria auf der Insel Java, IX. 461 †; Reisen in den südlichen Alpen Neuseelands, XI. 320 †; Von Javas Feuerbergen, IX. 237 †; Wanderungen in den Südlichen Alpen Neu-Seelands, XIII. 326 †
- Kronstadt to Vladivostok and return, Instructions for sailing from, XIX. 765 †
- Kropotkin, Prince: Altitudes in Asiatic Russia, XIX. 634; Baron Toll on New Siberia and circumpolar Tertiary flora, XVI. 95; Census of Russian Empire, IX. 657; Great Siberian railway, V. 146 *; Memoirs of a revolutionist, XV. 447 †; Nansen's voyage, IX. 466 †; Note on proposed expedition to Sannikoff I., XII. 170; Old beds of Amudaria, XII. 306 *; Pampas, III. 318 *; Population of Russia, X. 196 *; Recent Science, XI. 97 †; Some resources of Canada, XI. 570 †; Teaching of physiology, II. 350 *

KUANG

- Kroton, P.: Oro-hydrographische Skizze . . . Wjatka, VIII. 307 †
- Krout, M. H.: Hawaii and a revolution, XIII. 96 †
- Kru or Kruto, W. Africa, X. 241, 243; altitude, X. 393, 397
- Krueger, A.: biography, IX. 468 †
- Krug, M.: Amerikanische Lehrbücher für den Geographie-Unterricht, XII. 106 †; Geographie in der höheren Mädchenschule, XIII. 100 †; Kartographie der Meeresströmungen, XIX. 532 †; see Genthe, M. K.
- Krüger, P.: Barometrische Höhenmessung des Rio-Puelo-Thals, IX. 241 †; Chilenische Refihue-Expedition, XVI. 372 †, 585 †; expedition to S. Andes, XI. 436; Explorations in Patagonia, XIV. 324; Ueber . . . Landesaufnahme von Chile, IX. 241 †; Westpatagonien, etc., IX. 465 †
- , and E. Rethwich; expedition to Coreovado river, XII. 415
- Kruijt, A. C.: De adoptie in verband met het matriarchaat bij de Toradja's van Midden-Celebes, XIV. 580 †; Beiträge zur Volkskunde der Poso-Alfuren, IX. 461 †; XIII. 454 †; Het Ijzer in Midden-Celebes, XVIII. 638 †; journey in Celebes, XV. 286; Opsporing van het Lindoe-meer op Celebes, XI. 297, 568 †; Rijk Mori, XVII. 89 †; Reiserouten nach dem Posso See (map), VIII. 428 †; Stroomgebied van de Tomassarivier, XV. 192 †; Wordenlijst van der Bareë-Taal, IV. 281 †
- Krümmel, O.: Calculations of depths of oceans, XII. 449; Doppel-Bild Refraktometer, VI. 100 †; Neue physikalische Untersuchungen aus der Ostsee, IV. 382 †; new method of determining density of sea-water, IV. 570; on clouds and rain of N. Atlantic, III. 304; on oceanographical observations of war-vessels and merchant-ships, V. 590; Reisebeschreibung der Plankton-Expedition. Geophysikalische Beobachtungen der Plankton-Expedition, II. 567 †; Skizze der neueren physikalischen Expeditionen in der Ostsee, V. 609 †; Ueber die ozeanographischen Ergebnisse der deutschen Südpolar-Expedition von Kiel bis Kapstadt, XX. 674 †; Ueber einige neuere Beobachtungen an Aräometern, VI. 100 †; Ueber Gezeitenwellen, XI. 103 †; Verteilung des Salzgehalts im Nord-pazifischen Ozean, I. 480 †
- Kruse; botanical expedition to E. Greenland, XIX. 378
- Kryszanowski, L.: Le Maroc français, XV. 552 †
- Ksur, or grain store-castles, XI. 584
- Kuan Cheng Tzu, Manchuria, II. 449
- Kuang Ning to I Chon, Manchuria, Route, II. 448

KUANGO

- Kuango river, N. Congo basin, XIX. 89;
 Voyage d'exploration dans l'intérieur
 du : M. Séguin, XIX. 233 †
 Kuan-Go-Chen, China, XIX. 594
 Kuan Hsien, X. 25
 Kuban District; Dr. Radde's journey in,
 II. 457; Province of Kuban: N. Y.
 Dinnik, XII. 206 †
 Kubary, J. S.: Betreffend "Kubary-
 Denkmal": Thiel, XVIII. 648 †;
 Beitrag zur Kenntniss der Nukuoro
 oder Monteverde-Inseln, XVI. 491 †;
 researches in Caroline Is., XIII. 107
 Kubitschek, W.: Die Mosaikkarte
 Palästinas, XVII. 675 †
 Kübler, A.: Das Tannheimer Thal, XIII.
 674 †
 Kuchan, Persia, X. 577
 Kuchar and Bugur districts, game in, V.
 253
 Kuchi-no-Erabu-shima, V. 291
 Ku-ei-te, III. 363
 Kuen-luen, Peak, No. 5, XVII. 442
 ——— mts., II. 62; III. 474; IV. 53;
 V. 265; IX. 547; XIII. 156; Das
 System des Kwenlun: K. Bogdanowitch,
 VII. 331 †
 Kufuna, altitude, X. 393, 395
 Kuganguak valley, Disco, XIX. 379
 Kugur, Kizil, Lake Urmí, XIV. 515
 Kuh-i-Fanooh, X. 585
 Kuh-i-Gerra, IV. 485
 Kuh-i-Hezár, XIX. 167
 Kuh-i-Kallar, IV. 485
 Kuh-i-Kalah-i-Koh, IX. 672
 Kuh-i-Khoja, XIX. 144
 Kuh-i-Rang, IV. 482
 Kuh-i-Rudbar, VII. 27
 Kuh-i-Shahan, IV. 486
 Kuh-i-Tezarjun, VII. 31
 Kuhn, E.: Orientalische Bibliographie,
 III. 77 †
 Kuhn, E.: Biography of Paul Chaix,
 XIII. 330 †
 Kuhr, E.: Schetsen uit Borneo's Wester-
 afdeeling, VII. 441 †; IX. 339 †
 Kulu river, W. Africa: 866 Niari
 Kuis, Bechuanaland, I. 332
 Ku I Shu, Manchuria, II. 449
 Kükenthal, W.: Exploration zoologique
 aux îles Moluques et à Bornéo, VIII.
 651 †; map of King Charles Land, XIV.
 73
 Kuku tribe, Sudan, XX. 617
 Kukulaya, Rio, XI. 659
 Kukuna, altitude, X. 393, 395
 Kuku-usunin pass, VIII. 167
 Kula, Ein Ausflug zu den Teppich-
 Knüpfen in: F. von Vincenz, XVII. 551 †
 Kulakola, altitude, X. 393, 395
 Kulisehu river, Brazil, III. 238
 Kulol, mt., Somaliland, VIII. 227
 Kulturformen und ihre geographische
 Verbreitung: A. Vierkandt, X. 460 †
 Kulturgeographie im Unterrichte: A.
 Geistbeck, IX. 469 †

KURDZHINSKAYA

- Kulu im Himalaya, Reise nach: G.
 Oppert, X. 228 †
 Kuluene river, Amazonas, IX. 448
 Kumaishi, Japan, VIII. 160
 Kumasi, Relief of: H. C. J. Bias, XVIII.
 232 †; Siege of: Lady Hodgson, XVII.
 554 †
 Kumbum, C. Asia, XI. 407; XII. 275
 Kume-jima, V. 295
 Ku Men Tzu, Mongolia, XI. 500
 Kumm, H. K.: Südliche Karawanenroute
 von der Oase Charga nach Dachla, XX.
 467 †; Verbindungswege zwischen den
 Oasen Dachla und Charga, XX. 134 †
 Kümmel, H. B.: Laboratory work in
 physiography, XVII. 456 †; Some
 rivers of Connecticut, III. 533 †
 Kummell, C. H.: New solution of a
 principal geodetic problem, XII. 103 †
 Kумыks of Caucasus, XI. 427
 Kunder river, Afghanistan, IX. 398
 Kundembaia, altitude, X. 393, 397
 Kunde-lungu mts., C. Africa, XII. 244
 Kunene river—Gebiet an der Kunene-
 mündung: Esser, IX. 340 †; X. 212 §;
 Viagem ao Cunene, XI. 199 †
 Kung, Persian Gulf, XIII. 294
 Kungribingri peak, Himalayas, I. 66
 Kungur mt., Pamirs, XVI. 522
 Kunjut tribe, C. Asia, V. 241
 Kunlon railway, VII. 601
 Kuntze, O.: Geogenetische Beiträge, VI.
 586 †
 Kunumehung mts., Burma, XI. 547
 Kunz, G. F.: Geography of precious
 stones, XI. 688 †; Trip to Russia and
 Ural mts., XIII. 211 †
 ———, H.: Chile und die deutschen
 Colonien, VII. 565 †
 Kunze, G.: Krakar oder Dampier-Insel,
 IX. 109 †
 Kuram valley and Tochi, XVII. 464
 Kuramut Dawan, C. Asia, XVI. 519
 Kurang river, Persia, IV. 487
 Kuranko country and people, X. 250–253
 Kurban-habser, mt., III. 370
 Kürchhoff, Oberl.: Das französische
 Kolonialreich in N. Afrika, XVII.
 211 †; Die Eisenbahn in Afrika, XVII.
 675 †
 Kurdish tribes, list, VI. 457
 Kurdistan: F. R. Maunsell, III. 81 *
 ——— Central: F. R. Maunsell, XVIII. 121 *;
 XIX. 106 †
 ——— Dans le: P. Galland, XIX. 770 †
 ——— Kurds of the West and their country:
 D. Butyka, I. 279 †
 ———, Persian, Journey in: W. B.
 Harris, VI. 453 *
 ——— Turkish: Right Hon. Earl
 Percy, XX. 556 †
 Kurds, habits, religion, and history, III.
 82, 93; in Euphrates region, VIII. 325;
 Kartseff's observations on, XII. 186
 Kurdzhinskaya and Gabukai village,
 Mounds in, XI. 568 †

KUREIKA

- Kureika river, Ice on, II. 345
 Kuren in Ostpreussen: F. Tetzner, XIII. 555 †
 Kuria-Muria Is.—Isole Curián-Murián: L. F. de Magistria, XI. 310 †
 Kurile Is., eruptions in, X. 138; depth of ocean near, IV. 257
 Notes on Kuril Is.: H. J. Snow, 460 †
 Works of Hokogikwai in Shumshu, XIII. 91 †
 Kurkur, Jebel Garra and Oasis of; Topographical results of reconnaissance survey: J. Ball, XX. 669 †
 Kurländischen Aa, Geologische Forschungen im Gebiete der: E. von Toll, XII. 428 †
 Kurlyk, C. Asia, VIII. 168, 170
 Kurlyk-nor, XI. 404
 Kurmet al Hatheia, Tripoli, VII. 156
 Kurobundo, altitude, X. 393, 397
 Kuroshima, Luchu Is., V. 292
 Kuro Siwo, current, I. 155; X. 145
 Kurs, V.: Die kunstlichen Wasserstrassen im deutschen Reiche, XIII. 451 †
 Kurse, G.: Die Samoaner in der heidnischen Zeit, XVI. 255 †
 Kurth, G.: La frontière linguistique en Belgique, XI. 308 †; XV. 293 †
 Kurtz, F.: Dos viajes botánicos al Rio Salado superior, IV. 579 †
 Kuruk-tagh, VIII. 164
 Kurunegala district, Ancient cities in: F. H. Modder, X. 455 †
 Kurush, Caucasus, II. 548; V. 378
 Kuryat, Oman, VII. 535
 Kurz, E.: Aus dem Tagebuch des Malers Friedrich Kurz über seinem Aufenthalt bei den Missouri-Indianern, IV. 579 †; XIII. 419 †
 Kurze, G.: Reisen norwegischer Missionäre in Madagaskar, VII. 679 †; IX. 462 †
 Kusae or Strong's I., XIII. 126
 Kuskh, Afghanistan, XVI. 682
 ——— river, Dispute on boundary-line at, I. 454
 Kusi river, Changes in course of: F. A. Shillingford, VII. 212 †
 Kuskokwim river, Alaska, XIX. 610; Two hundred miles up: C. Hallock, XI. 570 †
 Kusnetsoff: see Kouznetsoff
 Kusri, Fr. W. Africa, XVII. 146
 Kuss, H.: Une excursion en Australie, XVIII. 236 †
 Kusscrow, H. von: Die Lösung der Samoa-Frage, XV. 301 †
 Kutais, Caucasus, N. Vinnikoff on trigonometrically determined points in, XII. 186
 Kutch-Manor, Bokhara, XIV. 605
 Kutenai and Amur, Pointed bark canoes of: O. T. Mason, XVIII. 342 †
 Kutter, Komm.: Zur Küstenkunde Westafrikas, XVIII. 111 †
 Kuyper, J.: De Dichtheid der Bevolking

LABBÉ

- in Nederland, XII. 427 †; Frankrijk en zijne landschappen, XIV. 222 †; Indijking der Lauwerzee, XVII. 545 †; Kaart van de Dichtheid der Bevolking van Nederland, III. 250 †
 Kuyuni river, Br. Guiana, V. 340; Journey to gold-mining district: H. J. Perkins, III. 74 †; Upper, Note to sketch-map of: H. Godfrey-Faussett, VII. 541; Up the Cuyuni in 1834: W. Hillhouse, IX. 579 †
 Kvang Ning, Manchuria, II. 450
 Kwai- und Mazumbailand, Bericht über meine Reise ins: L. Eiek, IX. 106 †
 Kwakiutl Indians, Social organization: F. Boas, XII. 634 †
 Kwakumbi, height, XI. 628
 Kwa-kwa river, E. Africa, I. 98
 Kwando river, C. Africa, XV. 64; Rise of, XV. 186
 Kwang-chau-wan—De la Baie d'Along à Quang-Tchéou-Wan en 1899: D. du Cosquer, XVII. 87 †; Le Kouang-tchéou-ouan: A. Madrolle, XVIII. 323 †
 Kwang-nam, Annam, I. 266
 Kwango, river, N. Congo basin: see Kuango
 Kwangsi, Map of Province of: H. B. Morse, XII. 108 †; Notes à propos de la révolte au: Brenier, XII. 628 †
 Kwang-tung province, XIX. 734
 ——— territory, S. Manchuria—Die Landschaft Kwantung in Russischen Betsitze: Haupt. Immanuel, XIX. 768 †; Notes on: Ilinski and Bretschneider, XVIII. 454 †
 Kwang-Yuen, Su-chuan, XII. 188
 Kwebe hills, S. Afrika, XIV. 312
 Kwei-chau, XIII. 891; XIV. 641; Le Kouy-tchéou: A. Schotter, XV. 190 †
 Kweifu, China, XVIII. 506
 Kwei-hwa Cheng, Mongolia, III. 359
 Kwen-lun, mts.: see Kuen-luen
 Kwilu river, W. Africa, VII. 553; French expedition, II. 264; Vallée du Niari-Kouilou: L. Jacob, V. 182 †
 Kwito river, W. Africa, XVII. 122
 Kyakhta and Urga, region between, V. 261
 Kyrillos II., S. B. Mgr.: Le Temple du Césaréum, XVI. 249 †
 Kyulu mts., E. Africa, IV. 294
 Kyunglung, hot springs, XV. 250
 Kyz-kiyks tribe, Tibet, IX. 554

L

- Labadie-Lagrange, G.: Chemin de fer du Klondyke, XVI. 252 †
 Labbé, P.: De Tomska à Tachkent, L'instruction publique, etc., XII. 206 †, 207 †; L'île de Sakhaline, XVIII. 326 †; Les progrès de la colonisation en Sibérie, XX. 668 †; Situation des provinces

LABERGE

- traversées par le Transsibérien, XX. 244 †
- Laberge, lake, Alaska, XII. 29; XIV. 668
- Labour question—in C. Africa, VII. 374;
- Main-d'œuvre agricole dans les Colonies et spécialement du métayage: Feist, XVII. 683 †
- Labrador—**
- Climate and travel in: W. T. Grenfell, XIV. 683 †
- Explorations, XVII. 192; Brown-Harvard expedition (E. Coast), XX. 232; Report: E. B. Delabarre, XX. 232 §, 559 †; R. A. Daly, Scientific expedition, XVII. 313; W. Glazier expedition, XX. 542; A. P. Low, III. 207; V. 268; VII. 414; IX. 276; Explorations in Labrador: A. P. Low, XIII. 434; XVI. 686; Explorations through the interior of: V. 513*; Report on explorations in Labrador penins.: A. P. Low, X. 121 †; Report on traverse of the Northern part of, XII. 634 †; Rapport sur un projet d'expédition au: E. Richet, XIV. 119 †
- Geological map, XI. 327 †
- Geology of N.E. coast of: R. A. Daly, XIX. 774 †; XX. 232 §
- Glacial phenomena of . . . Labrador, etc.; G. F. Wright's observations, V. 274 §, 284 †
- Glaciation in Labrador and Baffin Land: R. S. Tarr, IX. 178 †
- Journey to Grand Falls: H. G. Bryant, III. 533 †; VI. 583 †
- Labrador Area: A. P. Low, X. 229 †
- Peninsula: R. Bell, VI. 488 †
- Life in Labrador: W. T. Grenfell, XIX. 529 †
- Name of Labrador: E. do Canto, III. 533 †
- Reiseskizze: R. Bach, IX. 341 †
- Topographical work, X. 625
- Vikings of to-day, etc.: W. T. Grenfell, VI. 592 †
- Labroue, E.: A travers les Pyrénées, XVII. 546 †; Biography of: P. Crampel, XVII. 218 †
- Labuan, I terremoti nell' isola di: G. Agamennone, XIII. 213 †
- Lacanau—Ancient topography of Etangs de Hourtin and Lacanau; Dutrait's paper, VIII. 514; Eaux de Hourtin et de Lacanau: Saint Jours, XIX. 392 †; Lac de Lacanau en 1700 et 1900: C. Duffart, XX. 666 †
- Lacaze, H.: Souvenirs Créoles de Bourbon, I. 85 †
- Laccadive Is. — formation, XIX. 277; marine surveys, IV. 463
- As ilhas de Dyve; descrição anonyma do seculo XVI.: G. Pereira, XVIII. 106 †
- Fauna and Geography of Maldives and Laccadive archipelagoes: J. S. Gardiner, XIX. 396 †; XX. 353 †, 667 †

LAGERBERG

Laccadive—continued.

- Physical features of some of the Laccadives, etc.: C. F. Oldham, VI. 294 †
- Lacerda, A. de A.: Organisação e Trabalhos de Comissão Geographica e Geologica do Estado de Minas Gerães, IV. 284 †
- Laeger, L.: La plaine hongroise: Alföld et Pusztá, XIX. 522 †
- Lachambre, H., and A. Machuron: Andrée au Pôle Nord en ballon, XI. 457 †; Andrée and his balloon, XI. 457 †
- Lachen valleys, XIX. 464, 474
- Lachenmaier, G.: Hellenische Kolonisation, VII. 568 †
- Lachine rapids, Temperature of: H. T. Barnes, XIV. 229 †, 345 †
- Lachnit, R. S., and A. Soffner: Expedition through S. Brazil, XVII. 79
- Lachung Valley, Sikkim, III. 332; XIX. 464, 474
- La Coquille, visit to Gilbert Is., VI. 335
- Lacouperie, T. de: Western origin of early Chinese civilization, etc., V. 280 †
- Lacroix, A.: Les roches volcaniques de la Martinique, XX. 360 †; Sur la province pétrographique du nord-ouest de Madagascar, XVII. 676 †; Sur les cendres des éruptions de la montagne Pelée de 1851 et de 1902, XX. 360 †; Sur les roches rejetées par l'éruption actuelle de la montagne Pelée, XX. 561 †
- , Rollet de l'Isle and Giraud: Investigations into eruptions of Mont Pelée, XX. 636
- Lacy, G.: Century of exploration in S. Africa, XIX. 772 †
- Ladak, Himalayas, VII. 477; Buddhistischen Kloster Hemis (Ladak): H. Francke, XI. 312 †; Une voyageuse française au: Mme. Massieu, VIII. 416 †
- mts., India, III. 186
- Ladame, P.: En Tunisie, XI. 199 †
- Ládis, Persia, XIX. 139
- Ladoga, Lake—Lac Ladoga au point de vue thermique: J. de Schokalsky, XVI. 471 §, 694 †; XVIII. 211; XIX. 394 †
- La Double: E. Bayle, XI. 447 †
- Ladureau, A.: La Floride, XII. 327 †
- Lady Eliott I., II. 543
- Ladyghin, N.: explorations in Tibet, XIX. 577
- La Ferrière fortress, Haiti, XVI. 313
- Laffitte, L.: Les déplacements du confluent de la Loire et de la Vienne, XI. 191 †, 432 §
- Laflamme: L'Eboulis de St. Alban, VI. 583 †
- Lafone-Quevedo, S.A.: Vocabulario Tobaco- Castellano-Ingles, XV. 299 †
- Lagden, Sir G.: Basutoland and the Basutos, XVIII. 550 †
- Lage, B. von der: Ferienreisen und Studien, XVI. 592 †
- Lagerborg, R.: Finland i utländsk historisk literatur, XVI. 363 †

LAGNA

- Lagna, How to calculate: H. Jacobi, XVI.
703 †
- Lagos—
Carter, Sir G.; Mission into interior, II.
66
Colonie de Lagos, etc.: Rouire, V. 282 †
Colony of: Sir G. T. Carter, X. 456 †,
551 †
Lagos and W. African Almanac for 1894:
Payne, III. 161 †
Rubber Industry, VII. 214 †
Survey, I. 271
Reports (Col.), †XII. 632; XVI. 368;
XVIII. 641
— Creek, W. Africa, I. 124
Lagosta, L'isola di: A. Martelli, XX. 119 †
Lagrandval, S. de: Courants, vents et
orages dans la baie de Saint-Jean de
Luz, V. 395 †
Lagrange and Gauss: Ueber Kartenpro-
jection, XIII. 685 †
Lagrillière-Beaulere, E.: A travers
l'Indo-Chine, Cochinchine, etc., XVI.
122 †
La Guaira harbour works: W. C. Punchard
and J. L. Houston, IV. 379 †
Laguérie, V. de: La Corée, XII. 96 †;
Marine Japonaise, XVII. 320 †; Posi-
tions navales de Mer Jaune . . . Wei-Hai-
Wei, XII. 95 †
Lahache, J.: Gouffre d'Aïn-Taïba, Sahara,
XX. 245 †; Hydrologie du Sahara, XX.
126 †; L'eau dans le Sahara, XIV. 226 †;
XIX. 233 †
Lahille, F.: Informe preliminar del Viaje
de Exploracion del Azopardo, XVIII.
112 †
Lahontan, Le baron de: J. E. Roy, VII.
222 †
Lahore—Gazetteer of Lahore district: G.
C. Walker, V. 180 †; History, etc.: Syad
Muhammad Latif, VII. 330 †
Lahovari, G. J.: Călătoria unui boier
Rumân în Europa la anul 1770, XII.
640 †; Dictionar Geografic al României,
XII. 538 †; Marele Dictionar Geografic
al României, XIV. 676 †
Lai, town and river, W. Africa, II. 325
Laibach, Earthquake at, VI. 78; Trigon-
ometrische Höhenbestimmung . . . J.
Gregor, XIV. 221 †
Laibacher Moor in Krain: J. Petkovsek,
IX. 103 †
Laidlaw, F.F.: List of collection of snakes,
crocodiles, etc., from Malay Pen., XX.
243 †
Laidon, Loch; Sir J. Murray's survey, XX.
225
Laikipia plateau, E. Africa, II. 125; IV.
297, 408 *
Lailik, ruins near, VI. 79
Laing, J. W.: Photographs of Vancouver
Is., X. 348
Lajji valley, Beluch-Kalat Frontier, X.
589
Lakawn, Siam, XI. 484; pagoda, XI. 487

LAKES

- Lakawn mts., XI. 476.
Lake, H.: Johore, III. 281 *; Map of
Johore territory, III. 79
—, P.: Bala lake and River System of
N. Wales, XVI. 364 †, 679 §
Lake District—Configuration, VI. 47;
Depths, letter from C. E. de Rance
on, II. 376; rainfall, XIII. 426
English Lake District: H. R. Mill
XIII. 212 †
Geographical distribution of disease in:
A. Haviland, II. 87 †
Guide to: M. J. B. Baddeley, †V. 604;
XVI. 363; XX. 554
Highways and Byways in: A. G.
Bradley, XIX. 104 †
Origin of Scenery of: R. D. Oldham on,
XVII. 300
Survey of English Lakes: H. R. Mill,
IV. 237 *; VI. 46 *, 135 *; Mill,
Heawood, and Shields, II. 165, 362,
548
Turns of Lakeland: J. E. Marr, V. 77 §,
279 †; Additional notes, VIII. 308 †
Waterways of: J. E. Marr, VII. 602 *;
VIII. 308 †
Lake-dwelling research, Sketch of: R.
Munro, IX. 346 †
Lake-on-the-Mountain, Canada, XV. 180
Lakes (see also under special regions)—
changes in basins, VI. 51; formation
by wind, VI. 187; influence on
climate, VI. 477; origin, VI. 49
Alpine: see Alpine lakes
Binnensee und der Mensch: W. Halb-
fuss, XX. 364 †; Zur Physik der
Binnensee: W. Ule, XIII. 568 †
Classificazione . . . e Nomenclatura dei
laghi, etc.: O. Marinelli, X. 342 †
Einige Kapitel aus der modernen Seen-
forschung: W. Halbfuss, XIX. 532 †
Europäische Seen nach Meereshöhe,
Grösse und Tiefe: K. Peucker, IX.
105 †
Fauna of mountain lakes; F. Zschokke
on, XX. 545
Plaques d'eau libre dans la glace des
lacs gelés: F. A. Forel, XIII. 568 †
Fortschritte der Limnologie: G. Greim,
VII. 118 †; Do. der Seenforschung:
R. Sieger, V. 397 †
Geographical surveys, X. 321
Glacial origin, I. 481
Great lakes (America and Africa): C.
Reid, I. 185 †
Handbuch der Seenkunde; Allgemeine
Limnologie: F. A. Forel, XVII. 215 †,
296 §
Hochseen, Die: E. Fugger, IX. 244 †
Influence de la composition de l'eau des
lacs, etc.: A. Delebecque, VIII. 424 †
Lake counties: W. G. Collingwood,
XX. 351 †
— studies: J. Damien, I. 186 †
Limnologie, branche de la géographie:
F. A. Forel, VIII. 424 †

LAKES

Lakes—continued.

- Limnologie, Etudes nouvelles sur les lacs français: J. Corcelle, XVII. 563 †
 Limnology, VI. 50; progress, X. 322; publications, X. 312
 Papers, XIX. 380
 Plankton of fresh-water lakes: D. Marsh, XV. 672 †
 Praktische Wert der Seenforschung: W. Ule, XV. 302 †
 Rainfall and lake levels: R. F. Stupart, IX. 107 †
 Ravins sous-lacustres: A. Delebecque, IX. 583 †
 Revue de Limnologie: C. Rabot, XIX. 407 †
 Seiches: *see s. v.*
 Some of the problems of limnology: E. A. Birge, XV. 444 †
 Study for teachers: A. P. Brigham, X. 124 †
 Systematische internationale Seenforschung: W. Halbfass, XIX. 407 †
 Temperature of lakes, and their classification: A. Tanaka, XV. 586 †
 Undulations, etc.: W. H. Wheeler, XI. 321 †
 Variations in composition of lake waters: A. Delebecque on, III. 522
 Variation of lake and sea levels: E. Brückner, III. 256 †
 Variation thermique des eaux: F. A. Forel, XVIII. 239 †
 Warmwasserseen und heisse Salzteiche: Dr. Häpke, XX. 674 †
 Wissenschaftliche . . . limnologischer Landesanstalten: W. Halbfass, XIX. 780 †
 Lalan, coal workings at, VIII. 508
 Lalande, P.: Les grottes artificielles des environs de Brive, X. 546 †
 La Libertad — Breve estudio . . . del departamento de: R. Tizón y Bueno, XV. 85 †; cable interruptions near, X. 265
 La Lin Tsang, Manchuria, II. 449
 Lalla Marnia á Fez y Tánger: Gandeaux, XI. 454 †
 Lallemand, C.: Erreurs systématiques dans les nivellements de précision, IX. 111 †; L'heure légale en France et les fuseaux horaires, XI. 680 †; Nivellement général de la France, VIII. 305 †; XIX. 393 †; On survey of France, I. 264; Piquets employés . . . dans les nivellements de précision, IX. 111 †; Progrès réalisés en France dans la mesure des altitudes, etc., I. 185 †; Réfection du cadastre et la carte de France, XVIII. 546 †; XIX. 393 †; Sur la précision comparée de divers modes de repérage de la verticale, etc., X. 124 †; Sur l'erreur de réfraction, etc., IX. 111 †; Unification internationale des heures, IX. 684 †
 Lama temples, II. 447; Lamas of Tibet, VII. 470, 472

LANCKORONSKI

- Lamaism, L. A. Waddell's researches on, V. 594
 Lamajen tribe, Mekong, VII. 301; VIII. 575
 Lamarca, E.: Boundary agreements in force between Argentine Republic and Chile, XIII. 682 †
 Lamare, E. de: Au Klondike, XIV. 120 †
 Lamb, F. H.: Sand-dunes of Pacific coast, XI. 99 †
 Lambay I., Bala beds, etc., of: C. I. Gardiner and S. H. Reynolds, XII. 204 †
 Lamberg, M.: Amazonas - Gebiet, XX. 127 †; Brasilien, Land und Leute, XV. 299 †; Madeira-Ström, XVII. 94 †
 Lambert, R. P.: Les Hypogées de l'île des Pins (Nouvelle Calédonie), II. 281 †
 Lambert of St. Omer, ancient map of, XV. 378
 Lambinet, E.: Notice géographique, etc.: sur le Dahomey, II. 474 †
 Lamblardie, l'ingénieur: F. Filon, XI. 208 †
 Lamington, Lord: Journey in Indo-China, XVII. 88 †; remarks on "Artesian water-supply of Australia," XIX. 570; on "Journeys in Chinese Shan States," XV. 515
 Lammens, H.: Le chemin de fer de la Mecque et les musulmans indiens, XIX. 770 †
 Lamongan, Der Vulcan: E. Fürst, XI. 568 †
 Lampe, Dr., death of, XVIII. 312
 Lampe, F.: Ein Studienausflug von Berliner Oberlehrern in das rheinisch-westfälische Industriegebiet, XX. 465 †
 Lampedusa, La pesca delle spugne nel Mar di: L. F. de Magistris, XI. 565 †; XIII. 556 †; Un projet de colonisation russe au XVIII^e siècle: L. Brunet, XI. 681 †
 Lampons, Raffles, bezetting van de: P. H. van der Kemp, XIII. 678 †
 Lamprecht, K.: Ueber historische Grundkarten, XVI. 492 †
 Lamy, Journey in Fr. W. Africa, XVII. 143; *see* Foureau, F.
 Lanak Ia, Tibet, XVI. 142
 Lancashire—Archæological survey: W. Harrison, X. 227 †; Physical geography: H. Bolton, X. 227 †
 Lancaster, A.: Le climat du Congo, XV. 193 †; Court aperçu du climat du Congo, XIV. 459 †; De la manière d'utiliser les observations hygrométriques, XIV. 465 †; De l'intérêt des relevés journaliers des heures de soleil, XIV. 452 †
 Lancelin: De l'utilisation en hydrographie de clichés photographiques, etc., VI. 100 †
 Lanchau, China, XII. 277
 Lan Chan Puck, Siam, VI. 411
 Lanckoronski, Comte C.: Les villes de la Pamphylie et de la Pisidie, I. 375 †

LAND

- Land of Parrots, The: P. Oliver, XV. 665 †
- Landaei Sin river, VIII. 525
- Land-areas: *see* Earth
- Landberg, Comte de: Arabia, VI. 484 †; XIV. 333 †; Expedition nach Süd-Arabien, XIV. 224 †; Südarabische expedition, XIV. 678 †
- Landes, G.: Notice sur la Martinique, XVII. 94 †; La rivière de Vincent Pinzon, VIII. 192 †
- Landes of Gascony—Beiträge zur Kenntniss der geographischen verhältnisse von: M. C. Engell, XIX. 750 §, 766 †; La côte des landes de Gascogne: M. Hautreux, XVIII. 225 †
- Landesen, W. von: Reiseskizzen aus Transkaukasien, XIX. 231 †
- Land-forms (*see also* Geomorphology)—J. Geikie on, XIII. 308; Genetic classification, XIV. 481; range of temperatures on surfaces, XII. 114; Surface forms, V. 579
- Age-terms for geographical description of land-surfaces, XI. 554
- Glacial margins of Alps: H. R. Mill, V. 68 *
- Introduction to physiography of: W. C. Moore, XVII. 454 †
- Land-waste, Forms assumed by, XIV. 502
- Linea di Displuvio: C. Borzino, IV. 382 †
- Origin, through crust-torsion: M. Ogilvie Gordon, XVI. 457 *; XVII. 215 †
- Physical geography of the lands: W. M. Davis, XVII. 563 †
- Procédés de description d'un relief avec application à une zone artificiellement limitée: A. Thalamas, IV. 580 †
- Landis, G. B.: Mourning and burial rites of Korea, VIII. 91 †
- Landor, A. H. S.: Alone with the hairy Ainu, III. 71 †; Corea or Cho-sen, Land of the Morning Calm, V. 508 †; In the Forbidden Land, XII. 540 †, 587 §; Journey round Yezo, etc., III. 71 †; Journey to Sacred mountain of Siao-outai-Shan, V. 89 †; return from Tibet, X. 537; Vie de l'explorateur Landor, XI. 208 †
- Landrieu, G.: A Madagascar, L'île de Sainte Marie, VIII. 531 †; Majunga, son importance, son avenir, V. 89 †
- Landsberg, Count K.: expedition to S. Arabia, XII. 521
- Landslips by overloading and facial shear, X. 142; *see* Mountain falls
- Landwasser and Landquart, Courses of: A. V. Jennings, XIV. 578 †
- Lane, A. C.: Geothermal gradient in Michigan, XVI. 371 †
- , W. C., and W. H. Tillinghast: Biography of Justin Winsor, XI. 689 †
- Lane-Poole, R. L.: Historical Atlas of Modern Europe, etc., † VIII. 655; IX.

LANGHANS

- 118, 246, 350, 470; X. 136, 392, 559, 658; XI. 108, 326, 578, 690; XII. 221, 442, 643; XIII. 222; XIV. 126, 468; XV. 202, 449; XVI. 377, 708; XIX. 411; XX. 133, 367
- Lane-Poole, S.: Cairo; Sketches of its history, etc., I. 280 †; Sir Harry Parkes in China, XVIII. 343 †; Story of Cairo, XX. 245 †
- Laressan, J. L. de: Chemins de fer de l'Indo-Chine, XIII. 559 †; Colonisation française en Indo-Chine, V. 605 †; Convention franco-anglaise, XV. 83 †
- Lang, J. I.: Photographs, W. Africa, I. 96; IV. 584
- Lang, O.: Der Adschidarja, XII. 627 †; Von Vulkanismus . . . des Erdbodens, XI. 448 †
- Langdon, W. B.: Description catalogue of Chinese collection at St. George's Place, II. 382 †
- Lange, H.: Aus den Staate São Paulo, I. 184 †; Kartenskizze des Rio Parana-panema-Thales, I. 190 †
- , J.: Fra Smaarejser i Norge, X. 647 †
- Langenbeck, R.: Atoll Funafuti in der Ellice-Gruppe, XI. 101 †; Erdkundliche Unterricht, VII. 223 †; Neueren Forschungen über die Korallenriffe, XI. 321 †
- Langenburg station, Nyasa, IV. 176
- Langhans, P.: Ansiedlungs-Kommission für . . . West-Preussen und Posen, VIII. 94 † (map), 188 †; Beiträge zur Kenntniss der deutschen Schutzgebiete, † VII. 217; XIII. 326; XV. 202; Buren in Deutsch-Südwest-Afrika, XVI. 251 †; Deutsche Flotten - Wandkarte, XV. 451 †; Deutsche und Dänen in Nord-schleswig, XIII. 573 † (map), XIV. 223 †; Deutschen Mennoniten-Kolonien in Süd-Russland (map), XII. 409, 443 †; Deutscher Kolonial-Atlas, † I. 95, 478; II. 192; III. 443; IV. 479; V. 287; VIII. 314; IX. 692; X. 562; (S.W. Africa in), IX. 62; Fremde Völkstämme im Deutschen Reich, VII. 108 † (map), 225 †; Geographische Verbreitung von Industrie . . . im deutschen Reiche, XV. 275 §, 660 †; Justus Perthes' Alldutschen Atlas, XV. 307 †; Do., Marine-Atlas, XII. 643 †; Kleiner Handelsatlas für Lehranstalten, VI. 400 †; Mgr. Lechaptos' Reisen auf der Ufipa - Hochfläche, und im Rikwa-Graben, XV. 297 †; Note on Jaluit-Atoll, II. 554; Politisch - militärische Karte von Afghanistan, Persia und Vorder-Indien, XIX. 114 †; Reisewege des Presbyterianer-Missionars A. Ross von Alt-Kalabar ins Kamerun-Gebiet (map), XIX. 787 †; Reste des Frisischen Sprachgebiets im deutschen Reich (map), I. 92 †; Spezialkarte der Samoa-Inseln, XV. 306 †; Spezialkarte von Marungu und Utembue, XIX. 536 †; Sprachverhältnisse in Schleswig, I. 82 †; Verbreitung

LANGHELD

- der Buren in Deutsch-Südwest-Afrika (map), XV. 306 †; Verbreitung der Deutschen in den Ländern der ungarischen Krone, IX. 247 † (map), 232 †, 319 §; Verteilung der landwirtschaftlichen . . . Bevölkerung im deutschen Reiche, XV. 201 †, 275 §; Die Wassererwerbs-Bevölkerung im deutschen Reiche, XIX. 393 †; Wirtschaftlichen Beziehungen der deutschen Küsten zum Meere, XVI. 135 † (map), 220 §, 361 †
- Langheld; journey to lake Rukwa, XI. 68
- Langjökull snowfield, XII. 497; F. W. Howell's journey across, XIV. 441
- Langkofelgruppe, Die: O. Schuster, IX. 457 †
- Langler, J. R.: Picturesque geographical readers, V. 302 †; remarks on "Artesian water-supply of Australia," XIX. 573
- Langley, S. P.: Diary of voyage from San Francisco to Tahiti and return, XIX. 531 †; G. B. Goode (Biography), IX. 583 †; (Mémorial), X. 555 †; Internal work of wind, IV. 285 †
- Langnu village, III. 224
- Langstrath alluvial plain, VII. 616
- Langsuan town and state, Siam, XI. 468
- Languages, Literary, spoken and written in Dominions of Her Majesty Queen Victoria: R. N. Cust, XVIII. 648 †
- Languedoc—
Faune historique du: C. de Fondouce, XIV. 222 †; XV. 433 †
Littoral du Bas-Languedoc: L. Malavialle, V. 504 †; VI. 96 †
Montagne noire: J. Calvet, XX. 464 †
Structure orographique et géologique: F. Roman, XIII. 675 †
- Lanin volcano, Patagonia, XIV. 366
- Lanjus, Count: Note on New Hebrides, II. 371
- Lankester, E. Ray: On Okapia, a new genus of Giraffidae from C. Africa, XX. 668 †; remarks on National Antarctic expedition, XIV. 197; on "Tanganyika and countries north of it," XVII. 35
- , H.: Life and work in tropics, and how to prepare for it, XVIII. 243 †
- Lans, Capt.: Zur Küstenkunde von China, XVI. 486 †
- Lansdell, H.: Chinese C. Asia; Ride to Little Tibet, III. 119 §
- Lantern slides of maps, "Diagram" series: B. B. Dickinson and A. W. Andrews, XVI. 709 †
- Lantouy, Le Gouffre de, E. A. Martel, VI. 579 †
- Lanwa, W. Afrika, X. 365
- Lanzoni, P.: Per la navigazione fluviale, XII. 427 †
- Lao tribe, Siam, VIII. 439
- Te Ling, Temple at, II. 446
- Laodiceia, Asia Mi., VII. 191
- Lao-kai, China, X. 94

LAPPARENT

- Laos—
Cinq ans au: P. Macey, IX. 237 †
De Tourane au Mekong: C. E. Bonin, VIII. 416 †
Habitants du: Bobo, XIII. 453 †
Haut Laos, sa situation économique: Lefèvre, XIV. 580 †
Laos: L. de Reinach, XIX. 524 †
Mission au Laos et en Annam: J. M. Bel, XIII. 559 †
Penetration au Laos: Malglaive, VIII. 91 †
Tribus Khas du Bas-Laos, XIX. 230 †
Voyage au: E. Lefèvre, XII. 431 †
- La Paz river, Bolivia, XII. 389; XIV. 16
- La Perouse expedition; Relics, XIV. 215
- Laperrière; Exploration in Sahara, XII. 412
- Lapicque: A la recherche des Négritos, VIII. 530 †
- Lapland—
Across the Lapland Alps: E. W. Cowan, XVII. 318 †
Map—Übersichtskarte der Niederlassungen an der Murman-Küste (Petermanns Geo. Mitt.), XVIII. 651 †
Photographs: H. J. Pearson, IX. 352
Renne et le Lapon: V. G. de Vinci, XVII. 545 †
Seenkettenregion in Schwedisch-Lappland: K. Ahlenius, XVIII. 616 §, 634 †
Sjöforskninngar i Lappland: K. Ahlenius, XX. 121 †
Voyage en Laponie: Antoniadi, VIII. 528 †
- La Plata, lake, Patagonia, XIV. 356, 358
- Museum—Notas Arqueológicas, etc.: S. A. F. Quevedo, VII. 444 †
- , Rio de la: see Plata
- Laponie: see Lapland
- Laporte, Comm.: Carte de la Nouvelle Calédonie, XVI. 595 †
- Lapouge, G. de: Matériaux pour la géographie anthropologique du département de l'Hérault, VI. 292; see Durand
- Lappajärvi, Jakttagelser öfver: R. Hammarström, VIII. 413 †
- Lapparent, A. de—
Age des formes topographiques, V. 183 †
Art de lire des cartes géographiques, VII. 683 †; VIII. 79 §
Carte géologique de l'Islande par T. Thoroddsen, XX. 239 †
Dans les sables de l'Asie centrale, XI. 310 †
Dépressions et déserts, VI. 574 §; VII. 117 †
Distribution des conditions physiques à la surface du globe, VI. 587 †
Grandes lignes de la géographie physique, V. 398 †
Leçons de géographie physique, VIII. 65 §, 195 †; XII. 83 §, 329 †
Mouvements de l'écorce terrestre, X. 233 †

LAPPARENT

Lapparent—continued.

- Notions générales sur l'écorce terrestre, XI. 103 †
 Nouvelle théorie des anciens glaciers, XI. 206 †, 441 §
 Oeuvre de M. Suess, XVI. 373 †
 Palæogeography, VIII. 183
 Problème Alpin, XIX. 765 †
 Question des pénélaines envisagée à la lumière des faits géologiques, XIX. 407 †
 Rapport sur le projet de réfection de la carte de France, XIV. 343 †
 Soulèvements et affaissements, XII. 545 †
 Sur la découverte d'un oursin d'âge crétacé dans le Sahara oriental, XVIII. 88 §, 330 †
 Sur la symétrie tétraédrique du globe terrestre, XVI. 130 †
 Sur l'histoire géologique des Vosges, IX. 336 †
 Tetrahedral theory (letter), XIII. 449
 Traité de géologie, XV. 287 §, 672 †
 Trouaille d'un oursin fossile dans le Sahara, XVIII. 233 †
 Vers les Poles, XVIII. 237 †
 Vésuve et la Somma, XIII. 452 †
 Lapland : *see* Lapland
 Lapps at Lutni, XI. 335
 Lapfel river, Tibet, XV. 166
 Lapworth, C. : biography, XVIII. 648 † ;
 Course of geographical lectures at Birmingham, I. 558 ; Crests and troughs of earth's surface, II. 501 ; Face of the earth, VI. 395 † ; on formation of main geographical lines, XIII. 230 ; Penck's "Morphology of the Earth's Surface," V. 575 § ; remarks on "Fragment of geography of England," XV. 374 ; on limits between geology and physical geography, II. 528 ; Survey memoir on Scottish uplands, XV. 190 †
 Lar, Persia, VII. 25
 — river, Persia, X. 326
 Larabwal district, E. Africa, IV. 410
 Larajasse, de : Somali-English dictionary, XI. 94 †
 —, and Ven. C. de Sampont :
 Practical grammar of Somali language, XI. 94 †
 Larkin, H. : Elliptical orbits, V. 398 †
 Larminat, E. de : Etude sur les formes du terrain dans le sud de la Tunisie, VIII. 428, 532 †
 Larnaca, salt lake, Cyprus ; C. V. Bellamy on, XVII. 189
 La Rochefoucauld, Quelques annales de la ville de : J. Fermond, XI. 447 †
 La Roncière, C. : Quatrième guerre navale entre la France et l'Angleterre, XI. 680 †
 Larsen, C. C. A. : Abstracts from journal on voyage of *Jason* to Antarctic, IV. 333 * ; Antarctic Journal ; Note by A. H. Cocks, IV. 466 ; Back Grant awarded

LATITUDE

- to, VI. 93 ; Nogle optegnelser af sæl og hvalfanger "Jasons" reise i Sydishavet, V. 285 † ; Voyage in Antarctic Sea, II. 438
 Lartigue, de : Notice historique sur la région du Sahel, XII. 210 †
 La Sagittaria of Quirós, Note on identification of : Sir W. J. L. Wharton, XX. 207 *
 Lasalle, C. de : Le recensement français de 1896, IX. 457 † ; Santiago de Cuba, XII. 437 †
 Las Bela, VII. 388, 398 ; Las Bela and Makran, Notes on antiquities, etc. : Sir T. H. Holdich, V. 280 †
 Las Casas on Columbus' voyages, IX. 205
 Las Heras river, Patagonia, XIV. 219, 261, 263 ; XVI. 206
 Lasnet, Chevalier, Cligny, et Rambaud : Mission au Sénégal, XVII. 322 † ; XVIII. 304 §
 La Soufrière, St. Vincent, eruption of, XX. 52, 60
 Las Palmas, Agriculture, report, XII. 541 †
 Lassen, C. H. : Momenter af Vestindiens Geografi, VII. 217 †
 Lasserre, G. : La peste : étude historique et géographique, XIII. 688 †
 Last, J. T. : Notes on some African structures, IV. 470 † ; Notes on languages spoken in Madagascar, VII. 214 † ; new road in Zanzibar I., V. 80 ; Notes on W. Madagascar and Antinosi country, VI. 227 *
 La Starza, Italy, X. 422
 Last Hope inlet, S. America, XIV. 255
 Lastourville sur l'Ogôué à Samba sur le N'Gounié : J. Berton, VI. 488 †
 Lata river, Borneo, XVI. 43
 Latane, J. H. : Early relations between Maryland and Virginia, VI. 197 †
 Laterite und Roterden in Afrika und Indien, Ueber : S. Passarge, VIII. 425 † ; Zur Lateritfrage : O. Lenz, XIX. 406 †
 Latham, B. : Climatic conditions necessary for propagation and spread of plague, XVI. 591 †
 —, J. B. : Visit to Tatra, XV. 77 †
 Latif Syad Muhammad : History of Panjab, V. 507 † ; Lahore, its history, etc., VII. 330 †
 Latitude—
 Ausdrücke "Länge" und "Breite" in der Geographie : M. Schmidt, XX. 363 †
 Bestimmung der Polhöhe, etc., IX. 111 †
 Determination of latitude by observations in prime vertical : T. Fowler, V. 396 †
 Determinazione astronomica di latitudine e di azimut eseguita a Monte Pisarello : V. Reina, XVI. 256 †
 Latitud geográfica : G. Idiaquez, XIII. 568 †

LATITUDE

Latitude—continued.

- Latitude and longitude by gyroscope, E. Durant-Greville's observations, IX. 565
- Loewy, Determination de la latitude, par les méthodes de, XIII. 327 †; Méthodes de M. Loewy pour la détermination des latitudes: W. Ebert et J. Perchot, XV. 87 †
- Nomogrammes du Prof. E. Molino, XV. 87 †
- Procedimiento gráfico para determinar latitud, etc.: A. Guevara, IX. 111 †
- Sui progressi fatti dalla astronomia geografica nella determinazione delle latitudini: F. Guarducci, V. 397 †
- Resultate aus den Polhöhenbestimmungen in Berlin: H. Battermann, XIV. 344 †
- Variation—A. Marcuse on, I. 173; S. Newcomb on, VIII. 75; Lois des variations . . . de Poulkovo: A. Ivanof, V. 396 †; Periodical changes: H. Gylden, I. 472 †; Polhöhe und ihre Schwankungen, etc.: R. von Sterneck, V. 92 †; Stand der Erforschung der Breitenvariation: T. Albrecht, XI. 572 †; XIV. 344 †; XVI. 256 †; Trois périodes de la variation: F. Folie, XV. 444 †; Variation de la latitude à l'observatoire de Teramo: J. Boccardi, XV. 541 §, 556 †; Variation: J. K. Rees, X. 124 †; Variation, and ocean currents, etc., VIII. 75; Variation at Rockville (U.S. Geodetic Survey), V. 396 †; Do. at Waikiki: E. Preston, V. 396 †; Variations de la latitude de Poulkovo: Nyren, V. 396 †; Do.: S. Kostinsky, V. 396 †; Variations des latitudes terrestres: F. Gronnessiat, VI. 100 †; Veränderlichkeit der geographischen Breiten: T. Albrecht, XIX. 406 †
- and Longitude—Accessions to collection of latitudes and longitudes, XIX. 780 †; Illustrative lesson upon: T. Gildemeister, XVII. 326 †
- Latmos, IX. 48, 51
- La Touche, T. D.: Preliminary report on geology of N. Shan States, XVI. 577 †
- Latuka tribe, VI. 468; XIV. 142
- Laube, G. K.: biography, VI. 396 †
- Laudonnière, B. de, biography: E. T. Hamy, XX. 675 †
- Laufenburg, Ueber die Stromschnelle von: H. Walter, XX. 225 §, 241 †, 465 †
- Laughton, J. R.: letter on "The Trade," II. 558
- Laumann, E. M.: A la côte occidentale d'Afrique, IV. 282 †
- Launay, A.: Carte des Missions catholiques au Japon, XII. 333 †; Mandchourie et Sibérie orientale, VII. 212 †
- , L. de: De Cetinjé à Nijnj Novgorod par la Bosnie et la Transylvanie, III. 249 †; L'île de Lemnos, VII. 109 †;

LAWES

- L'île de Rhodes, XVII. 210 †; Prise de possession de l'Afrique australe, IX. 577 †
- Laura river, VIII. 506
- Laurens, Le voyage de Cambon dans le Sud-Algérien, VIII. 417 †
- Laurent, E.: Agriculture au Congo, XI. 684 †; Culture du caféier au Congo, XIII. 531 †; Visite à la prison de Bokhara, VII. 329 †
- Laurentian basin, Geography of: I. C. Russell, XII. 542 †
- highlands, XIV. 482; Lakes and rivers of: W. M. Davis, XVII. 678 †
- Lauridsen, P.: Om gamle danske Landsbyformer, VIII. 647 †
- Laussedat, A.: Note sur les levers photographiques, etc., VI. 396 †; Recherches sur les instruments, les méthodes et le dessin topographiques, XIII. 459 †; XVIII. 238 †; Reconnaissance, etc., pour la délimitation de la frontière entre l'Alaska et la Colombie britannique, V. 182 †; Sur les progrès de l'art de lever les plans à l'aide de la photographie, I. 282 †
- Lauterbach, C.: Bericht über die Kaiser Wilhelmsland-Expedition, IX. 580 †; Ergebnisse der Kaiser-Wilhelmsland-Expedition, IX. 465 †; XII. 617 §; XIII. 218 †; expedition in New Guinea, VIII. 641; IX. 94; XIV. 97
- , and R. Kersting: Vorläufige Skizze des Reiseweges der Kaiser-Wilhelms-Land-Expedition (map), X. 347
- Lautikerreid, Lützelsee und das: T. Waldvogel, XVIII. 323 †
- Lauwerzee; Indijking der: J. Kuyper, XVII. 545 †
- Lava-Beds at Meriden, Conn.; Quarries in: W. M. Davis, VII. 334 †
- Lava-cones, XIII. 504
- Lava-fields of Iceland, XIII. 501
- Lava-flow on Ambrym I., VIII. 588, 592, 599
- Lava-streams and trachytic rock masses, X. 434
- Lava-wastes, XIII. 270
- Lavagne, P.: Répartition de la population en Angleterre au cours du XIX^e siècle, XIX. 395 †
- Lavieuville, G.: Notice sur les cartes marines, X. 459 †
- , et J. Perard: Congrès international de pêches maritimes, etc., XIV. 587 †
- Lavigerie, Card., death of, I. 70
- Lavoix, J.: La religion païenne aux îles Samoa, XVIII. 236 †
- Lavrador, J. F., Portuguese explorer, IX. 198
- Law, E. D.: "Diagrams on work-books v. diagrams on Mercator charts," XX. 563 †
- Lawes, Sir J. B., and Sir J. H. Gilbert:

LAWLEY

- Growth of sugar-beet . . . in U.K., XII. 627 †
- Lawley, A.: From Buluwayo to Victoria Falls, XIII. 94 †
- Lawrence, W. R.: Kashmir, VII. 329 †, 441 †; Valley of Kashmir, VII. 111 †
- Lawson, A. C.: Geological history of Lake Superior, II. 265; Geomorphogeny of coast of N. California, V. 608 †; Post-pliocene diastrophism of coast of S. California, IV. 378 †; Sketch of coastal topography of N. side of Lake Superior, II. 90 †; Sketch of geology of San Francisco penins., VIII. 532 †
- , M. A.: Notes on tour in Travancore, V. 281 †
- Layard, Sir H. A.: obituary: Sir F. J. Goldsmid, IV. 370
- Layec, A.: La Bretagne et la colonisation française, XVII. 543 †; Renseignements statistiques sur la Bretagne, XX. 238 †; Situation de la pêche côtière en France, IX. 345 †
- Layrie: La pêche du corail en Algérie, XIII. 559 †
- Lazaro e Ibiza, B.: Regiones botanicas de la peninsula iberica, VII. 677 †
- Laziali, Escursione al laghi: O. Marinelli, VIII. 307 †
- Lazzaroni, A.: Cristoforo Colombo, I. 90 †
- Leach, S. S.: Inland navigation in U.S., XI. 98 †
- , W.: Exploration of Bermejo river and its affluents, XV. 599 *
- Leake, W. M.: on Greek stadium, I. 514
- Leal, O.: As regiões de terra e agoa, III. 74 †; O Amazonas, V. 284 †; Viagem a um paiz de selvagens, VI. 97 †
- Lean, F.: Royal Navy list, VIII. 537 †
- Lebanon, II. 168
- Barometrical . . . determination of heights in: R. H. West, VII. 678 †
- Narrative of expedition to, and Damascus: G. E. Post, II. 185 †
- Notice sur le Liban: W. Serruys, XVII. 448 †
- Lebargé: *see* Laberge
- Lebda, ancient ruins, etc., at, IX. 633, 634
- Lebir river and district, Malay pen., IX. 34
- Leblanc, F.: Photographs of Chile and W. coast of S. America, XII. 336
- Leblond, M.: Mahé de la Bourdonnais, XVI. 132 †
- Le Bon, G.: Les monuments de l'Inde, I. 181 †, 444 §
- Lecce, Trade of Province (Foreign Office Rep.), XIV. 454 †; XVI. 572 †
- Lech, Lakes in basin of; W. Halbfass' observations, VII. 198
- Lechaptois, Mgr.: journeys in Fipa plateau and Rukwa plain, XIV. 666; Lechaptois' Reisen auf der Ufipa-Hochfläche, etc.: P. Langhans, XV. 297 †
- Lechartie, M. G.: Cartes agronomiques du canton de Redon, XVI. 243 †

LECOMTE

- Lechner, K.: Die deutscher Sprachinsel um Olmütz, III. 528 †
- Lechuna, Tibet, I. 144
- Leclercq, J.—
- A travers l'Afrique austral, V. 607 †
- XV. 552 †
- Anurádhapura sous les rois cinghalais, XVI. 575 †
- Belgian Antaretic expedition, Letter on, XIX. 519
- Boers et leur état social, XVI. 700 †
- Congo doit être notre Java, X. 649 †
- Conflit entre la Russie et la Finlande, XIX. 229 †
- Golconde africaine, V. 283 †
- Java et le Congo au point de vue colonial, X. 461 †
- Missionnaire belge dans l'île de Ceylon, XIII. 453 †
- Note sur le plus ancien entrepôt de commerce, XIV. 678 †
- Restes de la civilisation hindoue à Java, XI. 451 †
- Ruines d'Anouradhapoura, XVIII. 105 †
- Séjour dans l'île de Ceylon, XVI. 696 †
- Java, XI. 451 †
- Septième congrès international de géographie à Berlin, XVI. 134 †, 260 †
- Temples souterrains de Ceylon, XIII. 677 †
- Ville morte à Ceylon, XV. 436 †
- Volcans de Java, XV. 549 †
- Voyage aux Volcans de Java, XI. 451 †
- d'une Française dans l'Indo-Chine, XIX. 525 †
- Leclère, A.: Charbon au Yunnan, XVII. 208 †; Culture du Riz au Cambodge, XV. 295 †; Divination chez les Cambodgiens, XIII. 89 †; Exploration au Yun-Nan, XVII. 673; Géographie générale des provinces chinoises voisines du Tonkin, XVI. 122 †; Ressources minérales des provinces chinoises voisines du Tonkin, XVIII. 454 †, 548 †; Sur la continuité tectonique du Tonkin avec la Chine, XVII. 321 †; Sur la géologie de la Chine méridionale, XV. 435 †; Zodiaque cambodgien, XI. 321 †
- Le Clere; remarks at Franklin Commemoration meeting, VI. 44
- Lecoate, G.: Aperçu des travaux scientifiques de l'expédition antarctique belge, XVI. 492 †; Croquis provisoire du détroit de la *Belgica* (Map), XV. 93 †; Expédition antarctique belge, XVI. 128 †; L'hydrographie dans le détroit de la *Belgica*, XVI. 492 †; Voyage d'hiver en Patagonie, XV. 442 †
- , and A. de Gerlache; Biography, XVI. 705 †
- Le Compte, L.: Memoirs, etc., made in a late journey through China, II. 382 †
- Lecomte, E., A travers la haute Cimbébasie, XIX. 526 †; Lingua Mbandu fallada no districto de Benguella, XI.

LECOMTE

- 199†; Plan-alto do sul de Angola, XI. 199†
- Lecomte, H.: Influence des jardins d'essai, XIV. 234†
- Le Conte, J.: Earth-crust movements and their causes, XIII. 568†; J. de Conte in the Sierra: F. Soulé, XIX. 662†; My trip to King's River Cañon, XX. 468†; Theory of origin of mountain ranges, IV. 89†
- Lectures: see Education
- Leder, H.: Reise von Irkutsk nach Urga in der Mongolei, III. 347†; Sommerreise in der nördlichen Mongolei, V. 508†; VI. 295†
- Ledro lake, Alps, I. 351
- Lee, E.: Britain over sea, Reader for schools, XVIII. 43†
- , F.: Cuba and her struggle for freedom, XII. 215†
- , J. B.: Photographic surveying, XVI. 256†; Photography as an aid to exploration of new countries, XX. 366†
- , L.: Census of Ceylon for 1891, I. 564†
- , S.: Dictionary of National Biography, † I. 472; II. 189, 567; III. 164; IV. 90, 471; V. 400; VI. 587; VII. 449; VIII. 195; IX. 114; X. 343; XI. 105; XII. 440; XIII. 330; XIV. 124; XVI. 132, 491; XIX. 240
- , W. T.: Glacier of Mt. Arapahoe, Col., XVII. 212†; Origin of *débris*-covered mesas of Boulder, Col., XVII. 92†
- Leeds, growth of, X. 528; Leeds, Bradford, and York district, Cyclists' road map: J. Bartholomew, XIX. 785†
- Lees, G. R.: Across S. Bashan, V. 1*; Jerusalem, illustrated, II. 473†; Photographs of S. Bashan, V. 408
- , J. A.: Peaks and pines, XIV. 676†
- , R. G. R.: Village life in Palestine, XI. 92†
- Leeward Is.—
- Reforestation and rainfall in: W. H. Alexander, XIX. 110†
- Reports (Colonial), XV. 300†; XVIII. 113†
- Lee-Warner: Moral advance of peoples of India, etc., IX. 460†
- Lefavre, J.: De Buenos-Aires à Valparaiso, IX. 464†
- Lefebvre, A.: Voyage en Suède, XX. 240†
- Lefebvre, N.: Promenade en Russie, XVII. 318†
- Lefèvre, E.: Le Haut Laos, sa situation économique, XIV. 580†; Un voyage au Laos, XII. 431†
- Lefèvre-Pontalis, P.: Notes sur quelques populations du nord de l'Indo-Chine, VIII. 650†
- Leflaive: Etude théorique sur la plongée des sous-marins, IX. 349†
- Lefroy, G. A.: Visit to Ulu Kinta and ascent of Gunong Kerban, II. 167
- Lefroy, Mt.: VII. 51; Ascent of: H. B.

LEIGH

- Dixon, XII. 326†; Casualty on: C. E. Fay, IX. 106†
- Legal: Au Nord-ouest canadien, XV. 440†
- Legends and Miracles of Buddha, Sakya Sinha: N. C. Das, XIII. 571†
- Legge, A. O.: Sunny Manitoba; peoples and industries, II. 91†
- Legh, Hon. T. G.; remarks on "Montenegro and its borderlands," IV. 406
- Leghorn—Accademia Navale di Livorno, Determinazione della Latitudine della: P. L. Cattolica, XI. 449†; Trade Rep., XIV. 454†; XVI. 244†
- Le Gouz de Saint-Seine, Comte J.: Les Nouvelles-Hébrides, XI. 203†
- Legras, J.: Sibérie économique, XII. 324†; Système Marie (Canals), XV. 189†
- Legumi tribe, XI. 384
- Leh, Ladakh, XII. 263
- Lehema, Wadi, Egypt, I. 413
- Lehigh valley, XIII. 523
- Lehmann, K.; visit to Armenia, XV. 175
- , R.: Beschaffung des heimatkundlichen Unterrichtsmaterials, IV. 473†; publication on methods of geography, V. 274; on educational value of geography, V. 590; Vorbildung der Geographielehrer auf den Universitäten, VIII. 534†
- , und W. Petzold: Atlas für Mittel- und Oberklassen höherer Lehranstalten, XI. 110†
- Lehmann-Filhés: Biography of T. Thoroddsen, XIII. 220†
- Lehmann-Nitsche, R.: Quelques observations nouvelles sur les Indiens Guayakis du Paraguay, XIV. 567§; XV. 300†
- Lehrl, F.: Präcisions-Nivellement in der österreichisch-ungarischen Monarchie, XVI. 483†; Etwaige in Verbindung mit dem Erdbeben von Agram . . . Niveaueveränderungen, VIII. 646†
- Lehrnert, J. R. von, IX. 115†
- Le Hunte; remarks on "Explorations in Caroline Is.," XIII. 133
- Lehzen, P.: Die Stellung . . . der deutschen Auswanderung in Mexico, IX. 463†
- Leiberg, J. B.: Is climatic aridity impending on the Pacific Slope? XIV. 212§, 229†
- Leibhardt, J. W. L.; biography: K. Wilke, V. 400†
- expedition, loss of, XIV. 545
- goldfield, Queensland, Report: W. H. Rands, VII. 218†
- Leichsering, A. C.: Zur Rettung der nord-friesischen Inselnde, X. 547†
- Lief Ericson, Saga of (Flateyjarbok), VII. 119†
- Leigh, J. G.: The Powers and Samoa, XIII. 326†; Samoan crisis and its causes, XIV. 122†
- Leigh valley, Lower, Geology of: J. Dennant and J. F. Mulder, XIII. 684†

LEIGH

- Leigh Smith I., Arctic, IX. 486
 Lei-ho, tributary of Siang Kiang, XIX. 718; coal-field, XIX. 726
 Leikipia Masai, II. 540
 Leipzig—
 Geographische Lage und Entwicklung
 Leipzigs: K. Hassert, XIV. 453 †
 Siedlungen in der Tieflandsbuch nach
 Lage und Gestalt: R. Bohn, XX. 239 †
 Leist, E.: Influence of planets on observed phenomena of terrestrial magnetism, XII. 218 †; on a local magnetic pole, XI. 663
 Leitner, G. W.: Biography, XIV. 346 †; Dardistan in 1866, 1886, and 1893, etc., III. 345 †; Future of Chitrâl, VI. 486 †; Hunza and Nagyr Handbook, III. 437 †; New dangers and fresh wrongs, VII. 111 †; obituary, XIII. 545
 Leitritz, J.: La France, Anthologie géographique, XVIII. 320 †
 Lejeal: La géographie dans l'enseignement primaire, VIII. 534 †
 Lejeaux, A.: Notice historique succincte sur la cartographie, XVI. 587 †
 Lekemti, XV. 109
 Lelarge, G.: Le Lac de Scutari et la Boiana, I. 82 †
 Lemaire, C.: Atlas donnant l'itinéraire détaillé parcouru par la Mission scientifique du Ka-Tanga, XX. 567 †; Au Congo, Note sur la mouche tsétsé, XVIII. 109 †; Calculation of altitude of lakes Tanganyika and Mweru, XVIII. 443; Congo-Zambezi water-parting, XIX. 173 †; Etat Indépendant du Congo: Mission scientifique du Katanga, XVIII. 462 †; Expedition across Africa from Zambezi to Congo mouth, XVI. 684; XI. 550; XII. 614; XV. 534, 646; (in N.E. Congo basin) XX. 340; Expédition Lemaire aux sources du Congo, XVI. 249 †; (Scientific results), XVIII. 659; Grottes et Troglodytes du Ka-Tanga, XIX. 655 †; Mission scientifique du Katanga, XVIII. 108 †; XIX. 526 †, 527 †; Journal de Route, XX. 557 †; Note sur les déterminations d'altitudes, XX. 245 †; Résultats des observations astronomiques, etc., XX. 527 §; Sources of Congo, XX. 355 †; Wamboundous, les colporteurs noirs entre l'Atlantique et le Ka-Tanga, XX. 669 †
 —, M.: Station Equateurville, Observations météorologiques, III. 438 †
 Lemaître, on hydrography of Sanga river, X. 441
 Le Mang, R.: Die Dünen der französischen Nordküste, XVII. 671 †; Die Dünen der Gascogne, XV. 546 †
 Lemcke, H.: Im Reiche der Vulkane in Mexico, XX. 559 †; Mexico, das Land und seine Leute, XV. 441 †; Unter den Indianern in Canada, VIII. 312 †
 Lemene—Piena del fiume Lemene in

LENT

- relazione alla funzione moderatrice dell'estuario: G. L. Bertolini, XIX. 522 †
 Lemenoff, P. P.: Census of Russian Empire, IX. 659
 Le Messurier; remarks on "Travels in Bokhara," XIV. 619
 Lemetayer, M.: Studies of climate of Punta-Arenas, I. 463
 Lemire, C.: Arts . . . en Annam-Tonkin, XII. 324 †; Aux monuments anciens des Kiams, V. 180 †; Du rôle de la femme dans la colonization, VII. 118 †; Excursion à Hué, XIII. 557 †
 Lemmon, J. G.: Conifers of Pacific Slope, XX. 469 †
 Lemnos, L'île de: L. de Launay, VII. 109 †
 Lemoine, G.: Essai sur l'hydrométrie du bassin de la Garonne, VIII. 527 †; Etat actuel de nos connaissances sur l'hydrométrie du bassin de la Seine, I. 81 †
 —, et Babinet: Observations sur les cours de l'eau, etc., VIII. 306 †; Service hydrométrique du bassin de la Seine, X. 225 †; XII. 321 †
 —, J.: Exploration en Papouasie, X. 554 †
 Le Monnier, F. R.: Der Archipel der Philippinen, XIII. 214 †
 Lem Sai, Siam, XI. 472
 Lemström, S.: On earth-currents and electrical currents in atmosphere, etc., XVI. 375 †
 —, and J. Dannholm: On variations in velocity of winds, XVI. 588 †
 Lena river, Siberia, V. 373; Beobachtungen der russischen Polarstation an der Lenamündung: V. Fuss, F. Müller, und N. Jürgens, VII. 112 †
 Lendenfeld, R. von: Australische Reise von, I. 185 †; Explorations in New Zealand Alps, I. 34; Grosse australische Wallriff, XX. 561 †; Hochgebirge der Erde, XV. 558 †; Neuseeland, XVII. 96 †; Nivellirung der Erdoberfläche, XI. 458 †
 Lénfant, E.: expedition on Niger, XVII. 661; XVIII. 623; Flotille du Niger, XVII. 449 †; Montée du Niger, XIX. 400 †; Navigabilité du bas Niger, XX. 357 †, 558 †; Navigation du Niger, XIX. 400 †; on régime of the Senegal, XVII. 73
 Lenga river, Sudan, IX. 374
 Lengekoro, altitude, X. 393, 397
 Lenkoran district, Account of: K. Grevé, IV. 86 †
 Lenoir, E.: on development of Brazzaville, XV. 419
 Lent, K.: On means of transport in E. Africa, V. 381; scientific work on mt. Kilimanjaro, IV. 273; Ueber Verkehrsmittel in Ostafrika, V. 181 †; Vorschläge zur Verbesserung der Verbindung des Kilimandjarogebiets mit der Küste, V. 182 †

LENTHÉRIC

Lenthéric, C.: *L'Homme devant les Alpes*, IX. 334 †; Rhône, *Histoire d'un fleuve*, I. 180 †; Riviera: trs. C. West, VII. 212 †; theory of Hannibal's vinegar, I. 174

Lentiana, ruins of, IX. 160

Lentsi: Magnetic anomalies in N. part of Podenez district, XII. 93 †

Lentz, E.: Alexander von Humboldt, XV. 447 †

Lenz, O.: *Forschritte der geographischen Forschungen und Reisen im 1899*, etc. XVI. 579 †; XIX. 242 †; Maltagruppe, VII. 328 †; Publicationen, VII. 569 †; Sui cosidetti "popoli nani" dell' Africa, X. 228 †; Ueber altarabische Ruinenstätten im Maschona-Land, XI. 94 †; Ueber die Bedeutung der Termiten für Erdbewegung, V. 398 †; Ueber die sogenannten Zwergvölker Afrikas, IV. 188 †; V. 606 †; VI. 468 §; Ueber die vulcanischen Ausbrüche bei Pentellaria 1891 und am Aetna 1892, IV. 186 †; Zur Lateritfrage, XIX. 406 †

—, R.: Kritik der *Langue Auca*, XV. 669 †

Leon, Diego Flores de, *Voyage of*, XVI. 18

Leonard, A. G.: Notes of journey to Bende, XIII. 91 †

—, H.: remarks on "Twelve years' work of the Ordnance Survey," XV. 597

Leonhard, R.: Exploration in Cerigo and Cerigotto, IX. 320; Explorations in N. Asia Mi., XV. 175; Insel Kythera, XIV. 223 †; Originalkarte der Insel Kythera, XIV. 126 †; Researches in Asia Mi., XX. 652; Stromlauf der mittleren Oder, I. 563 †

—, and W. Volz: Das mittelschlesisches Erdbeben, VII. 676 †

Leonora, Empress—Sobrinha do Infante, etc.; L. Cordeiro, VI. 101 †

Leontieff, Comte de: Expedition to Lake Rudolf, XVI. 103, 558; Exploration des provinces équatoriales d'Abyssinie, XVI. 579 †

Leontieff, I.: Journey to Baksan glacier, XI. 568 †

Léopold II., Le lac, X. 551 †

Leopoldville, Congo State, V. 427; Entwicklung von Léopoldville am Stanley Pool, XVI. 699 †

Léotard, J.: Capitaine Cazemajou, XIX. 241 †; Compétitions européennes dans le Soudan égyptien, XI. 314 †; Conférence sur les compétitions européennes au Soudan et en Chine, XV. 446 †; Sur la route de Fachoda, XX. 355 †

Lepcha language, Dictionary of; G. B. Mainwaring and A. Grünwedel, XV. 436 †

Lepini mts., Italy, Fault scarp in: W. M. Davis, XVII. 545 †

Le Plongeon, A.: Queen Moo and the Egyptian Sphinx, VIII. 535 †

LE STRANGE

Leprince, J.: Les Simons, sorciers de la Guinée française, XVI. 250 †

Leprince-Ringuet, F.: Voyage dans les Provinces du Nord de la Chine, XX. 554 †

—, M.: A travers le Canada, XVII. 556 †

Lepsius, R.: Geologische Karte des deutschen Reichs, †IV. 477; V. 286; VI. 399; VII. 225, 686; IX. 350; X. 347

Leptis Magna, ruins, IX. 634

Lerch, O.: Das heutige Texas, II. 475 †; Eine Fahrt auf dem Princepula und Banbanafusse, IX. 242 †

Lerebundi, J.: Rudiments of Arabic-Vulgar of Morocco, XVII. 676 †

Lerner, T.: proposed Arctic expedition under, XI. 673

Leroux, A.: Le Massif central . . . France, XIV. 330 †

Le Roux, H. M.: Explorations in S. Abyssinia, XIX. 87; Ménélik et nous, XIX. 654 †; Voyage à travers la Norvège, VIII. 528 †; Voyage au Ouallaga; Itinéraire d'Addis-Ababa au Nil Bleu, XIX. 397 †

Le Roy, A.: Au Kilima-Ndjaru, I. 567 †; Pygmées-Négrilles d'Afrique, XIV. 227 †

Leroy-Beaulieu, A.: Empire of Tsars and Russians (translation), V. 86 †

—, P.: Algérie et la Tunisie, XIII. 679 †; Awakening of the East, XVII. 549 †; Chemin de fer de Pékin, XII. 430 †; Grandes compagnies de colonisation, VIII. 195 †; Tracé du Transsaharien, XV. 83 †; Transsaharien, XIV. 228 †

Leseur, F.: La situation coloniale de la France en Juin, 1894, IV. 473 †

Lesieur, M.: explorations on N. frontier of Fr. Congo, XVIII. 535

Leslie, G.: surveys in Tirah, XII. 358

Le Souef, D.: Ascent of Mt. Peter Botte, N. Queensland, X. 458 †; XIII. 218 †

—, W. H.: Notes of visit to W. Australia, XIX. 659 †

Lespagnol, G.: Caractère désertique de l'Australie intérieure, XII. 101 †, 319 §; Conception actuelle de la géographie, XVI. 260 †

Lesquereux; theory of treeless plains of U.S., III. 210

Lessar, P. M.: remarks on "Four years' travel in C. Asia," XI. 411; on receiving medal for P. Semenov, X. 198; on "Travels in Bokhara," XIV. 618

Lesseps, F. de; biography: G. Gravier, VII. 339 †

Lesshaft, E.: Einfluss der Wärmeschwankungen des Norwegischen Meeres auf die Luftcirculation in Europa, XV. 433 †

Le Strange, G.: Al-Abrik, Tephrikê, capital of Paulicians, VIII. 649 †;

LEATHERIDGE

- Baghdad during Abbasid Caliphate, XVII. 551 †
- Lethbridge, Sir R.: India in the sixtieth Victorian year, X. 455 †
- Lettermullen: *see* Garumna
- Lettische Wohnhaus in der Mitte des 19 Jahrhunderts: A. Bielenstein, XI. 681 †
- Leucade, Isola di, Cenni geologici sull': C. de Stefani, X. 225 †
- Leue, A.; biography, XVIII. 648 †; Uha (Deutsch-Ostafrika), XVII. 554 †
- Leutwein: Account of Germ. S.W. Africa, XII. 414
- Leuzinger, Rudolf: L. Held, IX. 115 †
- Levačić, J.: Ueber die . . . geographischen Namen der Balkanhalbinsel, XVII. 543 †
- Leval, G. de: Chine d'après des auteurs récents, XVI. 122 †; Îles Philippines, IX. 576 †; Les Indes anglaises et leur influence sur la grandeur de l'Angleterre, XII. 431 †
- Levander, H.: Vindriktingar vid Hangö fyr, VIII. 413 †
- Levanen, S.: Lufttemperaturprevalenter i Helsingfors, VIII. 413 †
- Levant—
 Dans le Levant, en Grèce et en Turquie: C. van Overbergh, XV. 78 †
 Early voyages and travels, etc.; ed. J. T. Bent, III. 250 †
 Langue française dans le: A. Boutroue, VIII. 651 †
 Puissances étrangères dans le Levant, en Syrie et en Palestine: N. Verney et G. Dambmann, XVI. 579 †
 Voyage du Levant de P. du Fresne-Canaye: H. Hauser, XII. 440 †
 Wandering scholar in the: D. G. Hogarth, VIII. 92 †; IX. 330 §
- Levasseur, E.: Cartes des régions méridionales de la Guinée et du Soudan français, VI. 493 †; Ce qu'on peut faire en Tunisie, XI. 95 †; Christophe Colomb d'après la "Raccolta di Documenti," etc., VI. 200 †; Comparaison du travail à la main et du travail à la machine, XVI. 260 †; France et ses colonies, I. 472 †; Géographie dans les écoles et à l'Université, VIII. 534 †; La houille britannique et la question de l'épuisement, XVII. 207 †; Natalité en France, IX. 335 †; Population des Etats-Unis, XX. 469 †; Question des sources Mississippi, V. 183 †; Ressources de la Tunisie, VIII. 418 †; Salaire aux Etats-Unis, V. 609 †; Sur l'expansion de la race européenne hors d'Europe, etc., I. 188 †; V. 403 †; Trente-deux ans d'enseignement au Collège de France, XVII. 455 †
- Le Vasseur, V.: Anticosti, X. 552 †
- Levat, D.: Moscou à Vladivostok, VIII. 309 †; XI. 91 †
- , et T. Sabachnikoff: La Sibérie

LEWIS

- et la chemin de fer Transsibérien, VIII. 309 †
- Levat, E. D.: La Guyane et le contesté franco-brésilien, XII. 327 †; Placers aurifères du contesté franco-brésilien, XII. 437 †
- Levelling—Ajuste de los Instrumentos de nivelar: F. Blume, XIX. 532 †; Dos nivelamentos de precisão e da sua superfície de referencia: Conde d'Avila, VII. 117 †; Levelling and sea-level observations on Swedish coasts; P. G. Rosen on, VIII. 295; Schätzungsgenauigkeit an Maassstaben, etc.: C. Reinherzt, VII. 447 †
- Leven, Loch, Bathymetrical survey, XVII. 278; Pelagic and other organisms, XVII. 285
- Levéque, M.: Le Zambèse et le Shire, XVI. 369 †
- Leverett, F.: Illinois Glacial Lobe, XVI. 490 †; Lower rapids of Mississippi, XIII. 681 †; Pleistocene features and deposits of Chicago area, XIV. 584
- Pre-glacial valleys of Mississippi, VII. 114 †; Water resources of Illinois, XI. 318 †; Do. of Indiana and Ohio, XIV. 340 †; Weathered zone between Iowan loess and Illinoian till-sheet, XI. 685 †
- Leveson, J. J.: Anglo-Portuguese Delimitation Commission under, I. 152*; Geographical results of, II. 505*; Photographs of S.E. Africa, III. 168; remarks on "Use of practical geography," etc., XIII. 478
- Levesey: journey in Br. New Guinea, XIII. 436
- Levey, G. C.: Tasmania, III. 536 †
- Lévi, S.: Missions de Wang Hiuen-ts'e dans l'Inde, XVI. 577 †
- Levier, E.: A travers le Caucase, V. 505 †
- Levieux, F.: Considerations géographiques sur les centres de civilisation, I. 188 †; Essai sur l'architecture japonaise, VII. 330 †
- Levin, N. V.: Fishing industry of Olkhon I., XI. 197 †
- Levita, C. B.: Inter-Oceanic canal, XIII. 682 †; Visit to S. Africa, X. 552 †
- Lévy, A. M.: Sur les sondages profonds de Charmoy et de Macholles, VIII. 425 †
- Levy, V.: Au Monténégro, XV. 547 †; Découvertes de Gama, XI. 207 †; Commerce extérieur de la Roumanie, XVII. 546 †; Congostaat, XIII. 561 †; Grundlagen des französischen Protectorates in Tunesien, XVI. 700 †; Im belgischen Congostaate, XVIII. 456 †; Population congolaise; Les Mangbettu, XV. 297 †
- Lewanika, chief, IX. 129; XVII. 106
- Lew-chew Is.: *see* Luchu
- Lewis, Sir G. C.: on voyage of Pytheas, I. 523
- , J. P.: Place-names in Vanni, X. 455 †

LEWIS

- Lewis, T.: Ancient kingdom of Kongo: its present position and possibilities, XIX. 541 *; Itineraries in Portuguese Congo, XIX. 526 †; Life and travel among people of Congo, XX. 354 †
- Lewis glacier, mt. Kenya, IV. 419; XV. 482
- Ley, W. C.: Cloudland. Study on structure, etc., of Clouds, V. 184 †; VI. 180 §
- Leyland, J.: Peak of Derbyshire, I. 466 †; Yorkshire coast and Cleveland hills and dales, I. 179 †
- L'Harpe: Dans le Sud Algérien, XVIII. 108 †
- Lhasa, II. 492; routes to, XIII. 423
Attempts to enter, by St. G. R. Little-dale, VII. 469; by P. Moewis, VII. 95; S. Hedin's expedition, III. 58; Journey to Lhasa and C. Tibet: Sarat Chandra Das, XX. 640 §
— towards: W. A. L. Fletcher, IX. 680 †
- Lhasa: Sir T. H. Holdich, XVIII. 602 *
Première photographie de Lhasa: J. Deniker, XIX. 397 †
- Lhasa-Sining route, XII. 270
- Lhiez, S.: Esperanza de Santa Fé, XVIII. 235 †
- L'homme, G.: À travers le Tonkin: La rivière Claire, XVI. 122 †
- Lhonak, Himalayas, XV. 642; XIX. 455, 458, 467
- Liakhoff Is., buried ice on, V. 374; Fossil trees on Malvi Liakhoff, III. 410
- Lialui, IX. 129; From Machili to: A. Bertrand, IX. 145 †
- Liao-Tung, IX. 558
Description géologique de l'extrémité sud de la presqu'île de Liao-toung: K. Bogdanovitch, XVII. 208 †
- Liao-Tung and its ports: V. Kotvich and L. Borodovski, XV. 435 †
- Presqu'île de: H. Bleton, XIX. 229 †
- Russian territory on Liao-tung pen.: E. Bretschneider, XVI. 486 †
- Libau, Kaiser Alexander III. Harbour at, XIV. 676 †; Military outport at: D. T. Jarintzoff, IX. 336 †
- Libbey, W.: Expedition to New Mexico, X. 214; Investigations on Jordan valley, XX. 525; Photographs of Greenland, St. John's, Newfoundland, Sandwich Is., VI. 592; Relations of Gulf Stream and Labrador current, III. 351 †; VIII. 424 †
- Liberia—
Delimitation of: C. Rouire, IV. 377 †
- Eastern frontier: Hostain's journey, XII. 612
- Frontière franco-libérienne, XX. 356 †
- Present and future of: E. Horn, II. 186 †
- Question de Libéria: J. H. Franklin, XIX. 400 †
- République de Libéria, notice géo-

LIGHTHALL

Liberia—continued.

- graphique, etc.: M. Delafosse, XVII. 449 †
- Third Report . . . New York State Colonization Society: O. T. Cook, VII. 563 †
- Trade (Foreign Office Rep.), XX. 558 †
- Who should go to Liberia? O. F. Cook, IX. 239 †
- Libetr, Wadi, IX. 629
- Librarian of Congress, Washington, Report of, XX. 131 †
- Libraries: see under specific Societies, etc.
- Library Conference: Transactions of Second International, XII. 642 †
- Libreville au Cameroun, De: C. Cuny, IX. 341 †
- Liburnau, J. R. L. von; biography, XIII. 461 †; Donau-Studien, VII. 438 †; Hallstätter See, XI. 446 †; Morphogenie der Schotterhügel und Terrassen am Nordende des Gmundener Sees, XX. 349 †
- Libya, circumnavigation of, VIII. 628
- Libyan Desert—Beadnell's explorations, XVII. 528
Excursion aux oasis du desert libyque: B. Moritz, XVII. 553 †
- From Sphinx to Oracle: A. S. White, XII. 631 †
- Route de Ghirgheh à Khargheh: H. Paoletti, XVII. 553 †
- Lichens of Franz Josef Archipelago, VIII. 562
- Lichtenberg, G. C., und die Geophysik: S. Günther, XV. 674 †; XV. 541 †
- Licita, A.: Studio su la Vita e su le Opere di G. B. Odierna, XIV. 589 †
- Licona river, VII. 552
- Liebenow, W.: Verkehrs-Karte von Oesterreich-Ungarn, VIII. 654
- Liebenow-Ravenstein's Special-Radfahrerkarte von Mittel-Europa, XX. 473 †
- Liebert: Ueber seine Reise nach Usagara und Uluguru, XIII. 92 †
- Liebman: Mashonaland and Matabeleland, Facts and figures, IV. 283 †
- Lieder, G.: Beobachtungen auf der Ubena-Nyasa-Expedition, V. 182 †; journey in Ger. E. Africa, X. 327
- Lieutard: Mission aux îles Kerguelen, Saint-Paul, et Amsterdam, III. 349 †
- Lièvre, D.: Eruption volcanique au Japon, IX. 460 †; Ile des Coco, II. 188 †; Promenades japonaises et coréennes, XIV. 225 †; Sur les côtes de Chine, X. 339 †
- Life and death in Niger delta, XI. 684 †
- Lifungi pen., Bangweolo, XII. 258
- Light and plant-growth in Arctic regions: Wiesner on, X. 331
— and vision in depth of sea, XII. 452
- Lightbody: remarks on "Exploration on and around Aconcagua," XII. 488
- Lightbourn's West India Annual, XI. 101 †
- Lighthall, W. D.: Hochelagans and

LIGHTNING

- Mohawks; Link in Iroquois History, XVII. 324†
- Lightning and electricity of air: A. McAdie and A. J. Henry, XIV. 344†; Protection from: A. McAdie, V. 403†; Zunahme der Blitzgefahr: W. von Bezold, XIV. 233†
- Lights, Admiralty List, IX. 689†; Do. (U.S. Hydrographic Office), V. 597†; X. 461†
- Ligob tribe, Lake Rudolf, XI. 390
- Li-kiang, Yun-nan, XVI. 534; XIX. 264; Peaks N. of, XIX. 268
- Likoma Is., V. 597
- Likuala river, VII. 552; Exploration de la Likuala aux Herbes: E. Jobit, XVII. 73§, 211†
- Likungo river, E. Africa; Reconhecimento da Barra (map), VII. 687†
- Lille; Faire de la Braderie à: M. G. Houbron, XVII. 544†; Plans anciens et modernes de la ville de: M. Quarré-Reybourbon, XVIII. 454†
- Lim river, Balkan pen., IV. 398
- Lima, M.: Vesperas do Centenario, XII. 220†
- Lima—
Latitud de: M. Carvajal, IX. 580†
Sociedad Geográfica de, Catálogo de la Biblioteca, XIII. 688†; Conference at Geographical Society of: D. E. de la Combe, III. 74†; Memoria que presenta D. L. Carranza, X. 556†
- Limans of Black Sea; Russian exploration of, XV. 174
- Limari submarine river escape, XIV. 402
- Limay river, Patagonia, II. 161; P. Dusén's journey, XI. 184
- Limba tribe, W. Africa, X. 386
- Limestone—Influence of epochs of limestone formation on . . . Atmosphere: Chamberlin, XV. 88; J. Cvijić on phenomena of limestone regions, III. 321*; see Karst
- Limnology: see Lakes
- Limon, Port, Costa Rica, X. 71
- Limpopo, river, II. 512; ruins near, II. 438; Esboço hydrographico do, XIII. 323†; Exploration—De Andréa, XIII. 536; Xavier, IV. 362
Reconhecimento do: A. A. C. Xavier, IV. 189†
— hydrographico do (Com. de Cartographia, Lisbon), XI. 691†
- Limpricht, M.: Begleitworte zu den Karten "Reiseroute der Expedition des Kamerun-Komitees," VII. 114†
- Linck, G.: Bericht über seine Reise nach Kordofan, XVIII. 328†; Hochbene Kordofans, ein Zug im Antlitz der Erde, XX. 355†
- Lincoln, D. F.: Glacial erosion in finger-lake regions of New York, III. 349†
- Lincoln, Roman sites at, X. 515
- Lincolnshire, History of fens of: W. H. Wheeler, IX. 556§, 574†

LINNEMANN

- Lindeman, M.: Deutsche Seehandelsschiffahrt, XI. 448†; Franz-Joseph Land, IX. 344†; 25 Lebensjahre der geographischen Gesellschaft in Bremen, VI. 102†; Gegenwärtige Eismeer-Fischerei und der Walfang, XV. 198†; Geographischen Erforschung der Südpolarregion, X. 123†, 231†; Norddeutscher Lloyd, I. 188†
- Lindeman, lake, Alaska, XII. 23
- Linden, Graf K.: Gedächtnisrede zu Ehren . . . : E. Metzger, VII. 569†
- Lindenkohl, A.: Kustendistrikt von süd-ost Alaska (map), V. 190†; Leitfaden der Kartenentwurfslehre für Studierende der Erdkunde, XV. 444†; observations on Gulf Stream and Gulf of Mexico, VIII. 181; Problems of physiography, XVII. 216†; Resultate der Temperatur des Golfstroms, etc., VII. 448†; Spezifische Gewicht des Meerwassers im Nordost-Pazifischen Ozean, XI. 322†; Spezifisches Gewicht des Oberflächenwassers im Nord-Ostlichen Grossen Ozean, XI. 330†; Do. im Golf von Mexico und im Golfstrom, VII. 452
- Lindequist: Die Wirthschaftlichen Ausichten Deutsch-Südwest-Afrikas im Vergleich mit dem übrigen Südafrika, XVIII. 110†
- Lindesay, G.: Rambles in Norsk Finmarken, V. 86†
- Lindgren, W.: Age of auriferous gravels of Sierra Nevada, IX. 342†; Gold-quartz veins of Nevada City and Grass valley, California, XI. 317
- Lindley, P.: Great Eastern Company's Tourist Guide to the Continent, VI. 483†
- Lindman, C. A. M.: Beiträge zur Palmen-Flora Südamerikas, XIX. 530†; Vegetationen i Rio Grande do Sul, XVI. 127†
- Lindquist, J.: Franställning af Torbern Bergmans Fysiska Geografi, XVIII. 648†
- Lindsay, D.: Expedition into C. Australia, I. 552; Journal of Elder scientific exploring expedition, III. 163†; Map showing explorations, etc., made by Elder scientific exploring expedition in Australia, I. 478†; Sir T. Elder's Wissenschaftliche Forschungs-Expedition im West- und Süd-Australien, III. 80†
—, and C. Winnecke: S. Australia; Reports on Tablelands, etc., XIII. 74§, 218†
- Lindu, lake, Celebes, XI. 297
- Lingga, J.: see Riouw
- Linggatempel en andere oudheden op het Yanggebergte: J. Kohlbrugge, XIV. 580†
- Linguistic and oriental essays: R. N. Cust, VI. 589†; XII. 106†
- Linhardt, E.: Ueber unterseeische Flussrinnen, I. 186†
- Linnemann, B.: Regierungssitz des

LINOSA

- Schutzgebietes der Marshall Inseln, II. 572 †
- Linosa, L'isola di: G. Trabucco, XVIII. 226 †
- Linyanti river: *see* Chobe
- Linyima river, C. Africa, III. 60
- Lion, Gulf of the: Configuration of seabed: G. Pruvot, IV. 89 †
- Liorel, J.: Races Berbères-Kabylic du Jurjura, II. 90 †
- Liotard; expeditions in the Upper Nile, XI. 169
- Lipari Is.—
- Aolischen Inseln, geologisch beschrieben: A. Bergcat, XV. 294 †
- Vulkaninseln dei Sicilien: A. Bergcat, XI. 681 †
- Cable fractures near, X. 271
- Lipari Is.: Archduke Ludwig Salvator, † II. 561; IV. 280; VIII. 412; V. 86; VI. 193; VII. 328
- Sullo stato presente dei vulcani eolici: M. Baratta, XVI. 572 †
- Lipez, mts., Bolivia, III. 108
- peak, height, XVII. 334
- , Rio Grande de, III. 106
- Lipokole hills, ruins on, II. 439
- Lippmann, G.: Sur la mesure absolue du temps, XIV. 344 †
- Lipsky, V. I.; expedition to Hissar mts., XI. 66; XII. 185; Upper Bukhara, XX. 354 †
- , and L. S. Barschevsky; explorations of Hissar mts., IX. 567
- Liron, subterranean river of: E. Twilight III. 344 †
- Lisbõa, João de, XVI. 627
- Lisbon—
- A inscripção lapidara na Rua do Salvador: J. M. E. Pereira, VIII. 648 †
- Boletim da Sociedade de Geographia de Lisboa, Numero commemorativo, XVIII. 344 †; Statuts adoptés . . . 1895, VIII. 536 †
- Miscellanea historica: J. M. Pereira, VIII. 648 †
- Segelanweisung für den Hafen von Lissabon, XII. 92 †
- Lisovski, V. Y.: Trans-Caucasia, XII. 208 †
- Lissu tribes, Mekong river, VII. 301; VIII. 575
- Lista, R.; biography: J. Greger, XIII. 99 †; death of, XI. 443
- Lister, Lord; remarks on L. W. Longstaff's donation to Antarctic expedition fund, XIII. 553
- , A.: Guide to British Mycetozoa, VII. 448 †
- , R.: Viage a los Andes Australes, VII. 682 †
- Lith, P. A. von; biography: P. J. Veth, XI. 208 †
- Lithuania—
- Haus und Hof der Litauer: F. Tetzner, XI. 88 †

LIVERPOOL

Lithuania—continued.

- Litauen: eine Landes- und Volkskunde: A. Zweck, XIV. 222 †
- Litauische Sprachgebiet: F. Tetzner, X. 646 †
- Littlehales, G. W.; Recent foreign surveys, etc., X. 650 †
- Litorina sea, Physical geography of: H. Munthe, VI. 395 †
- Little, A.: China, XIV. 579 †; Crux of Upper Yangtse, XVIII. 498 †; Intimate China, XIV. 334 †; Mt. Omi and beyond, XVII. 673 †; XVIII. 524 †; Partition of China, XIII. 320 †; Two cities: London and Peking, XIV. 346 †; Yangtse basin and British sphere, XIII. 453 †; Yangtze valley and British sphere, XVI. 247 †
- , Mrs. A.: Land of the Blue Gown, XIX. 768 †
- , A. G.: Mediæval Wales, XX. 352 †
- , R. M.: New island off Br. N. Borneo, XI. 298
- Littledale, St. G. R.: Journey across C. Asia, II. 458, 549; III. 445 †; V. 77, 272; VI. 566; VII. 198; Do. across Tibet, VII. 453 †; VIII. 92 †; Journey to Pamirs, VIII. 255 † on death of Dutreuil de Rhins, V. 484; remarks on receiving medal, VIII. 88; remarks on "Through Tibet to China," XII. 279
- Little Fork river, Canada, XIII. 360
- Littlehales, G. W.: Compass in modern navigation, XI. 208 †; Form of isolated submarine peaks, VII. 338 †; Improbability of finding isolated shoals, VII. 448 †; Navy as motor in geographical and commercial progress, XIV. 237 †; Recent advances in geographic knowledge, XII. 106 †; Recent survey of Jiquilisco bay and El Triunfo, XI. 456 †; U.S. Mid-Pacific naval supply station, XIII. 96 †
- Littlehampton, Sussex, XV. 371
- Littlejohn, E. G.: The Pecan; its culture and commercial value, XX. 250 †
- Litton: Journey from Yachou to Tachienlu, XII. 539 †; Report of journey to N. Ssu-ch'uan, XII. 187 †; Trade of Ssumao and Mengtse (Foreign Office Rep.), XVIII. 105 †
- Littoral drift, etc.: W. H. Wheeler, IX. 112 †, 668
- Littmann, E.: Jets over de betrekkingen tusschen Nederland en Abyssinie in de zeventiende eeuw, XX. 668 †
- Lituya bay, Alaska, XIV. 524
- Liu-chau river, China, XI. 179
- Liu-Kiu Is.: *see* Luchu
- Livermore, W. R.: Suggestions for the development of the Arts and Sciences, XI. 576 †
- Liverpool—
- Geography at British Ass., 1896, VIII. 482
- Growth of, X. 528

LIVERPOOL

Liverpool—continued.

- Manchester and Liverpool districts; Cyclist's road map: J. Bartholomew, XVIII. 345 †
- Marine Biology Committee, Annual Report: W. A. Herdman, XIII. 460 †
- Observatory, Report of Director, to Marine committee, etc., VIII. 308 †
- Place names of district: H. Harrison, XII. 626 †
- Plan of: J. Bartholomew, XII. 443 †; XIX. 114 †
- Liverpool Bay, Chart of: H. Belam and H. G. Ashton, XIX. 244 †; XX. 255 †
- Livingstone, Dr.; grave, IX. 326; XII. 260; (inscription plate), XV. 233; compass, XX. 547; memorial, I. 355; XV. 636; XVI. 6; tree, inscription, XV. 229, 635; Do. R. Codrington's expedition to, XIV. 317, 444; work in Africa, IX. 598
- College—Calendar and Year-book, XX. 366 †; Opening of new premises, XVIII. 94; progress, IX. 670
- Exhibition for promotion of health of travellers, organized by H. Battersby, XIV. 672; XV. 170; Travellers' Health Bureau, XVIII. 221
- gold medal of Royal Scottish Geographical Society, XIX. 381
- Livingstone I., Antarctic, IV. 343
- mts., Nyasa, II. 322; V. 114; XV. 421
- Livingstonia Mission, Br. C. Africa, I. 118; XIII. 590; Report, XIII. 559 †; XV. 296 †; XIX. 526 †
- Livonius, O.: Golfstrom und Kuro-Siwo, XX. 472 †
- Liwa Haleb: M. Hartmann, V. 508 †
- Liznar, J.: Einige Bemerkungen zur Messung der Horizontal-intensität des Erdmagnetismus, XVI. 589 †; Magnetic survey of Austria-Hungary, XI. 303; Magnetische Aufnahme Oesterreich-Ungarns, etc., XII. 329 †; Ueber die Bestimmung der bei den Variationen des Erdmagnetismus . . . Kraft, I. 379 †
- Ljubeten in der Sara Planina: C. R. von Steeb, XIV. 332 †
- Llano of San Martin, Excursion to: E. Röthlisberger, III. 440 †
- Llanos of S. America, XVI. 365
- Llivia, L'enclave espagnole de: E. Brousse, XIII. 452 †, 557
- Llopis, D. A.: Estudios sobre el Canal de Nicaragua, XIV. 463 †
- Lloyd, A. B.: Down Congo from Uganda, XIII. 561 †; In dwarf land and cannibal country, XVI. 369 †; journey through equatorial forest of Africa, XIII. 195
- , C. A.: On the Potaro, IX. 579 †
- , H. D. W.: Photographs, El Obeid, XVIII. 350
- , T. H.: on geology of Mlanje, V. 218

LOCHMANN

- Loange river, Congo basin—Exploration du Loange et de la Kantsha, XII. 542 †; Stache's explorations of, XII. 190
- Loango, Kingdom of: R. E. Dennett's observations on, XX. 339
- Loangwa river, C. Africa, VII. 372; X. 161, 163; XV. 227; XIX. 604; Explorations west of: C. D. Hoste, XI. 624 †; in Loangwa-Zambesi basin; D. Rankin, I. 85 †
- Loangwa-Kafue plateau, I. 102, 106
- Lobai river, Fr. Congo, XIX. 639
- Lobb, R. P.: British influence in W. Sudan, XIII. 216 †; Coming struggle for Persia, XIV. 680 †
- Lobemba und Lobisa—Zwei Forschungsreisen der "Weissen Vater" nach: H. Maitre, XX. 668 †; Geographical results of explorations of the "White Fathers": H. Maitre, XX. 324 †; Originalkarte der Reisen der "Weissen Vater": H. Maitre und P. Langhans, XX. 567 †
- Lobengula, chief, I. 290; Downfall of: Cause, history, and effect of Matabili war: W. A. Wills and L. T. Collingridge, IV. 578 †
- Lobley, J. L.: Crust of the globe and its disturbances, XII. 439 †; Mean radial variation of the globe, XI. 105 †; Place of geology in education, XIII. 100 †; remarks on "Visit to N. Sudan," VIII. 355; Sub-oceanic depression known as "La Fosse de Cap Breton," etc., XVIII. 633 †; Volcanic phenomena, VII. 568 †
- Lob Nor, III. 453; IX. 552; XI. 256, 413; XIII. 162; XX. 311
- Forschungreise nach dem Lop-nor: S. Hedin, IX. 338 †
- Hedin's expeditions, V. 157; VIII. 635; XVI. 345, 472, 598; XVII. 182; XVIII. 288
- Lob-nor: P. K. Kozloff, XI. 652 §, 683 †; XII. 324 †
- to Koko Nor, St. G. R. Little-dale's map, III. 475
- Lop-nor-bäckenets vandring: S. Hedin, X. 454 †
- Variations in lacustrine district of, VIII. 635
- Versuch zur Darstellung der Wanderung des Lop-nor-Beckens: S. Hedin, VIII. 649 †
- Locamus, P.: Carte de Madagascar, XV. 678 †; XVI. 136 †, 595 †; Madagascar et l'alimentation européenne, XI. 569 †
- Locard, A.: Sur l'aire de dispersion de la faune malacologique, etc., XI. 458 †; Sur l'existence d'une faune malacologique polybathyque, XI. 322 †
- Loch, Lord; obituary, XVI. 236
- , Hon. E. D.: Photographs of Morocco, X. 564
- Lochai tribe, VIII. 571
- Lochmann, J. J.: La cartographie moderne de la Suisse, XI. 308 †; La nouvelle

LOCHY

- carte murale de la Suisse pour les écoles, XIX. 104 †
- Lochy, Loch, On a particular form of surface . . . seen on : W. T. Blandford, XV. 530 §, 662 †
- Lockhart, General Sir W. S.; obituary : Sir T. H. Holdich, XV. 542
- and Woodthorpe; journey to Pamirs, VIII. 254
- Lockyer, Sir N.: Solar changes of temperature . . . in region surrounding Indian Ocean, XVII. 550 †; On solar changes of temperature and variations in rainfall, XVII. 216 †; The Sacred Nile, I. 470 †
- Locust plagues in C. Africa, V. 444
- Lóczy, L. von : Bericht über die Tätigkeit der Balatonsee-Kommission, V. 266 §, 504 †; Bericht über die wissenschaftliche Erforschung des Balatonsees, IX. 677 †; Biography: L. Palóczy, VII. 339 †; Photographs of Transylvania, XIV. 592; Rapport de la Commission d'Etudes du Lac Balaton pour 1891, IV. 84 †; Report on geological results of Count Szechenyi's travels, III. 315 §
- Lodge, R.: Why has England become a great manufacturing country? IX. 458 †
- Lódz, population, IX. 658
- Loeffer: Expedition in Shari basin, XVII. 661; XX. 540
- Loenge or Kafue river, Zambesi basin, XVII. 131; see Kafue
- Loesch, M.: Bestimmung der Intensität der Schwerkraft auf zwanzig Stationen an der Westafrikanischen Küste, XX. 669 †
- Loess—
- Alter und Verbreitung des Lösses: L. du Pasquier und A. Penck, VII. 683 †
- Eolian origin of: C. R. Keyes, XII. 638 †
- In China; Skertchly and Kingsmill's studies on, VI. 575
- Loess with horizontal shearing planes: J. A. Udden, XX. 469 †
- Postglaciale Löss im St. Galler Rheintal: J. Früh, XIV. 578 †
- What is the Loess? F. W. Sardeson, XIII. 460 †
- Löffler, E.: Danemark, Eine landeskundliche Skizze von, V. 603 †; Geographie als Universitätsfach, XIV. 690 †; Omrids af Geographien, XIII. 220 †
- Löfgren, A.: Ensaio . . . dos nomes populares das plantas indígenas do Estado de São Paulo, XIII. 457 †
- Lofoi, position, XVII. 659
- Lofoten, 1898: H. Priestman, XII. 322 †
- Beim Kabelaufgang auf den: H. Blomberg, IX. 678 †
- Lofoten Is.: J. N. Collie, XX. 351 †
- Lo-fou mts.: F. S. A. Bourne, VI. 581 †

LOLOKWUI

- Lofthouse, Archdeacon: In a desolate land, XVIII. 11 †; Thousand miles on snow-shoes, IX. 107 †; Trip on Thanne river, XIII. 274 *
- Lofty, Mt., S. Australia; Memorial to Capt. Flinders on, XIX. 759
- Lofu river, Tanganyika, X. 299
- Log of the *Savannah*: J. E. Watkins, I. 571 †
- Logan, Mrs.: A night in India, IV. 187 †
- , W. N.: N. American epicontinental sea of Jurassic age, XVI. 582 †
- Logan, Mt., Alaska, V. 172; XII. 561; position, V. 274
- Logeray, M.: Discovery of gold in Transvaal, II. 218
- Logone river, C. Africa, XX. 540
- Lohani tribe, IX. 395
- Lohmann, F.: Amtliche Handelstatistik Englands und Frankreichs, XIII. 554 †
- , H.: Untersuchungen über den Auftrieb der Strasse von Medina, etc., XIV. 345 †
- Lohombo river, C. Africa, XIV. 318
- Loika or Itimbiri river, Congo, XX. 495
- Loir, M.: La livraison de Toulon aux Anglais, XIII. 318 †
- Loire—
- Déplacements du confluent de la Loire: L. Laffitte, XI. 191 †, 432
- Loire; Collection des Guides-Joanne, XV. 188 †
- navigable: L. Gallouédéc, IX. 457 †; XIII. 530 §
- Mémoire inédit de Lavoisier sur la navigabilité de la: L. Gallouédéc, VI. 579 †
- Navigabilité de la: V. Doby, XVI. 360 †
- Loisne, A. de: Sur les formes originales des noms de lieux du Pas-de-Calais et leurs formes officielles, XVIII. 454 †
- Lojka, H., et M. de Déchy: Lichenes in Caucaso et in peninsula Taurica, XV. 81 †
- Loka tribe, Gallaland, XVI. 300
- Lokinga mts., C. Africa, I. 106
- Lokko, Port, altitude, X. 393
- Loko, W. Afrika, VIII. 202
- Lokoja, W. Afrika, IX. 349
- Lokolie, E. Afrika, II. 535
- Lokosashi river, Rhodesia, XI. 627
- Lokris, Die zwei grossen Erdbeben in: T. G. Skuphos, V. 395 †
- Lokulu river, C. Africa, XIV. 444
- Lokunje river, W. Afrika, XIV. 665
- Lole or Umhululu Hills; Old gold workings in, II. 230
- Lolingela river, C. Afrika, XIV. 444
- Lollis, C. de : Cristoforo Colombo, I. 90 †
- Lolo river, C. Afrika, X. 257; XVII. 660
- tribes, Shan States, XIV. 384; XV. 490; of Sechuen, XVI. 535
- Lolodorf, Cameroons, XIV. 664
- Lolokwui, or Walke mt., E. Afrika, II. 535

† Bibliographical entry.

§ Review or analysis.

LOMAMI

- Lomami river, Congo, V. 432; XII. 191; XVI. 562; XX. 495
 Carte du: A. J. Wauters, XVIII. 456†
 Le Lomami: A. J. Wauters, IX. 462†
 Gillain's explorations between Lomami and Sankuru, VI. 283
 Lombardy—Trade (Foreign Office Rep.), XVI. 244†; XVIII. 322†
 Lombok I.—
 Aanteekeningen over de Bodha's van Lombok: J. C. Eerde, XVIII. 107†
 Bij de situatie-kaart van lustverblijf te Narmada: P. de la Faille, XV. 549†
 Insel Lombok: H. Zondervan, IV. 580†
 Islands of Bali and Lombok: J. B. Carpenter, IX. 461†
 With the Dutch in the East: A. Cool, IX. 575†; X. 98§
 ———, Strait of; depths, XVI. 551
 Lombroso, C.: Les races et le milieu ambiant, XII. 104†
 Lome, die Hauptstadt der Togokolonie: H. Seidel, XI. 199†
 Lominadze, S.: Journey in Rion defile, XI. 196†
 Lomborg, S.: Adam af Bremen, XI. 105†; Om de äldsta Kartorna öfver Sverige, XVIII. 228†
 Lonchay, H.: La rivalité de France et de l'Espagne aux Pays-Bas, XI. 446†
London—
 Aurora Borealis in, from 1707 to 1895: R. C. Mossman, XII. 322†
 Average height of barometer in: R. C. Mossman, XV. 662†
 Census of England and Wales, 1901, County of London, area, etc., XX. 241†
 Climate, R. C. Mossman on, XI. 171, 662; Barometric and thermometric gradients between London and Edinburgh: R. C. Mossman, XVI. 364†; Temperature, extremes of, in London and neighbourhood: Symons, XIV. 113†; Do., from 1763–1892: A. Buchan, II. 87†
 Etymology of, XIII. 299; Une explication de l'étymologie de Londres: E. Maison, XIII. 220†
 From London to Karachi in a week: F. H. Skrine, XIV. 680†
 Geographische Ausstellung . . . in London: H. Michow, VII. 684†
 Geological field class, XI. 544
 ——— Model of: J. Jordan, XII. 108†
 Geographical Congress, Sixth International, V. 369*
 Geography of Greater London: A. M. Davies, XVII. 672†; XIX. 767†; XX. 352†
 Handbooks — Baedeker's, †III. 69; VIII. 414; XII. 626; XVI. 574; XX. 351; Guides-Joanne, XII. 627†; Philip's practical "Index" Guide: W. O. Aves, XIX. 229†

LONGITUDE

- London**—*continued*.
 Ideal London: F. Harrison, XII. 627†
 London and Peking: A. Little, XIV. 346†
 ——— as capital of the Empire: L. Gomme, VIII. 189†
 London's water-supply: W. Hunter, XIV. 113†
 Maps—County of: E. Stanford, IV. 582†; Cycling and automobile maps of London, etc.: W. and A. K. Johnston, XVIII. 116†, 557†; Environs, fifty-mile radius: J. Bartholomew, VIII. 538; Handy Volume Atlas, Philip, XVIII. 347†; Ordnance Survey plan, Revision of, XIX. 83; Plan: J. Bartholomew, I. 286†; III. 538†; XIII. 333†
 Meteorological phenomena in: R. C. Mossman, XII. 204†; XIII. 212†
 Port of: Right Hon. Earl Egerton of Tatton, XX. 554†
 Proposed great globe for, VIII. 303
 Real Municipal Government for: A. O. Ghewy, XIV. 113†
 Topographical Society, Report of organizing committee, XIV. 677†
 Traffic—Opening address: Sir J. W. Barry, XV. 190†; Street traffic in: Sir J. W. Barry, XIII. 452†
 London Clay, towns and villages on, IX. 83
 ——— School Atlas: H. O. Arnold-Forsier, XVII. 101†
 ——— School Board; Conference on teaching of geography, XIX. 81
 ——— University, Geography at, XVI. 112; XX. 548, 574
 Long, R. E. C.: Russian railway policy in Asia, XV. 190†
 Longe, F. D.: Fiction of Ice Age or Glacial Period, XX. 674†
 Long Kin Hole: F. Ellet, XVI. 246†
 Long White Cloud (New Zealand): W. P. Reeves, XIII. 326†
 Long White mountain, lake on, I. 64
 Longitude (*see also* Latitude and Long.)—
 Accessions to collection of latitudes and longitudes, XIX. 780†
 Appareil pour mesurer les différences de longitude à l'aide de la photographie: M. G. Lippmann, XIX. 780†
 Astronomische Arbeiten des K.K. Gradmessungsbureau . . . herausgegeben von E. Weiss und R. Schram, XX. 471†
 Determination of terrestrial longitudes by photography: E. H. Hills, XI. 457†; XII. 620§; H. G. Schlichter, II. 423*; letter from E. G. Ravenstein, II. 557; from H. G. Schlichter, III. 150
 Longitude between Greenwich and Madras, Re-determination of, VI. 471
 ——— by eclipses: J. D. White, XV. 556†
 ——— by equal altitudes: H. B.

LONGITUDE

Longitude—*continued*.

- Goodwin, XIX. 660 †; Do. near noon at sea: W. Hall, XIX. 660 †
- Longitude by variation of compass: J. D. White, XV. 302 †
- in land surveying, determination of: R. H. B. Downes, XII. 545 †
- Longitudes et altitudes observées et calculées: E. Roux, VIII. 530 †
- Nansen and his lunar tables: E. A. Reeves, XIII. 459 †
- Schlussrechnung bei der Langenbestimmung aus Mondstanzungen, etc.: E. Geleisch, XIV. 344 †
- Sur la prédiction des occultations d'étoiles par la Lune, etc.: G. Bigourdan, XIII. 327 †
- Telegraphische Längenbestimmungen, 1890-93, VI. 293 †
- Longley, H.: From Fresno to Mt. Whitney, etc., VIII. 419 †
- Longmans' Gazetteer of the World: ed. G. Chisholm, VI. 588 †; Geographical series, IX. 347 †; Relief map of England and Wales, VII. 342 †
- Longonot crater, E. Africa, IV. 314
- Longstaff, G. B.: Rural depopulation, III. 77 †
- , L. W., donation to Antarctic expedition fund, XIII. 425, 553
- Lonnberg, E.: Contributions to biology of Caspian Sea, XVIII. 239 †; Undersökningar rörande Öresunds Djurlif, XIII. 554 †
- Loochoo Is.: *see* Luchu
- Loon, C. J. van: Steenkolen in Limburg, XVIII. 226 †
- Lopatin, I. A.: Itinerary of Turukhansk expedition, XII. 206 †; journeys in E. Siberia, XII. 411
- Lopes, D.: Documentos para a Historia do dominio Português, XII. 219 †; Manuscripto inedito do Seculo XVI, XI. 312 †
- Lopevi I., New Hebrides, VIII. 587
- Lopez, Cap., Position géographique du phare du: E. Blin, XII. 434 †
- Lophiomyis of Africa, VII. 285
- Lopo, A. dos Santos Pereira: Bragança e Bemquerença, XVII. 207 †
- Loppo, plain of, V. 70
- Lora river, IX. 399
- Loralai: A. C. Yate, X. 549 †
- Lord, E.: Ueber die Basalte des Fichtelgebirges, IV. 375 †
- , T.: Early history of Imerina based upon a native account, XVIII. 551 †
- , W. B.: Hydrographic department, IX. 687 †; "Nautical Almanac" office, X. 656 †; Tristan da Cunha, XVIII. 331 †
- , W. F.: Lost possessions of England, VII. 685 †
- Lord Howe I., Climate of: H. C. Russell, X. 122 †; Lord Howe Inseln, Pitcairn

LOTH

- und Norfolk Insel: A. Vollmer, VI. 98 †
- Lorenz, G.: Hydrographie des Elbsystems nach G. von Alvenslebens Topographie, XVII. 444 †
- , J. R. R.: Aeltere und neuere Lothungen im Hallstätter See, XV. 545 †
- , O., and D. Jordell: Catalogue... Librairie française, VII. 570 †
- Lorenz-Liburnau, J. von: *see* Liburnau
- Lorenzo, G. de: I grandi laghi pleistocenici delle falde del Vulture, XIII. 556 †
- Lorenzo Marques: *see* Lourenço Marques
- Lorenzon, A.: Die Fär-Oer, XIII. 555 †
- Loria, A.: On inhabitants of New Guinea, IX. 95; Ricerche ulteriori sulla distribuzione topografica della industrie, XII. 546 †
- Lorian swamp, E. Africa, I. 534
- Lorié, J.: Beschouwingen over de Agronomisch-Geologische Kaart, VIII. 412 †; De gedaantewisselingen der Schelde en der Mass, V. 504 †; Het Brongas in Nederland, XIV. 223; Mededeelingen omtrent de Geologie van Nederland, XI. 449 †; Onze brakke, ijzerhoudende en alkalische Bodenwateren, XV. 294 †; Sand-dunes along coast of Holland, IV. 280 †; Stormvloed van December, 1894, XI. 192 †; Verhouding tusschen den Rijn en het landijs, XX. 239 †; Zand-Onderzoekingen der laatste jaren, XI. 104 †
- Lorimer, L.: At the back of beyond, XIII. 674 †
- Lorin, H.: A Sainte-Hélène, XIII. 93 †; Chemin de fer du Congo, XIII. 322 †; Soudan français, XVI. 250 †
- Lorne, Marquis of: Canadian life and scenery, etc., II. 382 †
- Lorraine—
- Carte de: B. Auerbach, XIII. 87 †
- Deutsche Sprachgebiet Lothringens: H. Witte, V. 279 †
- Le Plateau Lorrain: B. Auerbach, I. 467 †; II. 52 §
- Sur la dénudation de l'ensemble du plateau lorrain: M. Bleicher, XVI. 243 †
- Un coin de: M. A. Merchier, XVI. 570 †; XIX. 393 †
- Wälder Deutsch-Lothringens: H. Gerdolle, VI. 96 †
- Lortet, et Hugouenq: Coloration noire des roches formant les cataractes du Nil, XX. 246 †, 635 §
- Los Angeles, Port: F. Bachmann and others, XV. 553 †
- Löser, R.: Angola unter portugiesischer Herrschaft, XIII. 321 †
- Losheringo river, C. Africa, position, I. 70
- Losugute, lake, E. Africa, IV. 308, 310
- Lot, Exploration de la rivière souterraine de Padirac: E. A. Martel, VIII. 306 †
- Loth, W. L.: Kaart van Suriname, XIV.

LOTHAIRE

- 590 †; Verslag van eene reis naar de Lawa, etc., IV. 379 †
- Lothaire—Procès L. à Bruxelles, IX. 348 †
- Lothian, Marquis of; biography, XV. 674 †; obituary, XV. 289; remarks at Antarctic Conference, X. 385
- Lothians, Geology of oil shale fields of: H. M. Cadell, XVIII. 228 †
- Lothlinie, Die Aberration der: A. Schmidt, IX. 244 †
- Lotsani river, Ruins at, II. 263, 438
- Loue, Origines de la source de la: A. Berthelot, XIX. 227 †; Réseaux hydrographiques du Doubs et de la Loue: E. Fournier, XVI. 360 †
- Louis, H.: On river Telubin, IV. 219 *
- J. A. H.: Gates of Thibet, etc., IV. 470 †; V. 280 †, 507 †
- Louisbourg in 1745: G. M. Wrong, XI. 200 †
- Louise lake, in Canadian Rocky mts.: W. D. Wilcox, VII. 49 *
- Louisiana—
- Indexed County and Township pocket maps of: Rand, McNally & Co., XX. 680 †
- Preliminary report on geology of: G. D. Harris and A. C. Veatch, XVII. 213 †
- Under Spanish domination: E. Serruys, II. 280 †
- Louisville: Study in economic geography: E. C. Semple, XVIII. 552 †
- Lougherew, Notes on prehistoric cemetery of: G. Coffey, XII. 204 †
- Loui-Tcheou, Péninsule de: C. Madrolle, XII. 95 †
- Loureiro, A.: Macau e o seu Porto, VIII. 651; No orient, de Napoles à China, XI. 683 †
- Lourenço Marques—
- Acerca de Lourenço Marques: A. de Castilho, VII. 443 †
- Esboco da Carta do Districto do Lourenço Marques: E. de Noronha, VII. 687 †
- Lourenço Marques: P. Berthoud, VII. 563 †
- e as suas relacoes com a Africa do Sul: E. de Noronha, VIII. 652 †
- Photographs: H. V. Melvill, IV. 584
- Trade (Foreign Office Rep.), X. 440; XII. 632 †; XIV. 583; Trade Report and Progress of Railway, II. 170
- Louvel: Monographie de la commune de Malville, IX. 335 †
- Lovett, B.: on musical sounds of sand-dunes, IX. 571
- Lovisato, D.: Le cime più elevate del Gennargentu, XX. 465 †; Measurements for highest point of Sardinia, XIX. 751
- Low, A. P.: Explorations in Labrador, I. 550; III. 207; V. 268; VII. 414; IX. 276; X. 625; XIII. 434; XVI. 686; Explorations through interior of Labrador penins., V. 513 *; Gill Memorial awarded

LUCAS

- to, VIII. 88; Labrador area, X. 229 †; Report on traverse of N. part of Labrador penins., XII. 634 †; Report on explorations, X. 121 †
- Low, Sir H.: remarks on "Journey round Siam," VIII. 449
- Low I., Antarctic, XVII. 152
- Peak, the: J. Hyde, XIII. 319 †
- Lowa river and district, C. Africa, V. 360
- Lowe, G. T.: Account of descent of Helln Pot in Yorkshire, XX. 649
- , H. J.: Past and present of a bit of Dartmoor, XX. 553 †
- , S.: Dairy industry in the colonies, IX. 687 †
- Lowell, A. L.: Justin Winsor, XV. 91 †
- Löwenberg, J.; biography, III. 76 †
- Loweswater, Lake district, VII. 618
- Löwl, F.: Bemerkungen zu Penck's Morphologie der Erdoberfläche, V. 396 †; Gross-Venediger, V. 504 †; Kals, XI. 308 †
- Lowles, J.: British Empire; its resources, etc., XII. 105 †
- Lowy, A.: Catalogue of Hebraica and Judaica, I. 186 †
- Loyalty Is.—Notes pittoresques sur les îles Loyalty: Bénét, VII. 218 †
- Loyseh, E.: Orometrie der Hohen Tátra, XIV. 576 †
- Lozère—Grotte des Capélans: J. Barbot, VIII. 411 †
- Lu river, Tibet, VII. 200
- Lualaba river, I. 225; II. 240, 244; V. 436; IX. 560; X. 637; XVII. 127; XIX. 188
- Luapula river, I. 110, 449, 529; IV. 460; IX. 560; X. 637; XVII. 46; entrance into Lake Mweru, V. 391
- Mweru and the Luapula: A. B. Watson, IX. 58 *
- Weatherly's explorations, IX. 92
- Luau river, Kasai, XIX. 505
- Lubbock, G.: on bursting of Gohna lake, IV. 457
- , Sir J.: see Avebury
- , Sir N.: Br. W. Indies, XVIII. 458 †
- Lubi river, W. Africa, I. 224
- Lubilash river, I. 227
- Lubnaig, Loch; rainfall of catchment basin, XV. 339; soundings, XV. 327; temperatures, XV. 335
- Lubudi river, Congo, XV. 535; Francqui's exploration of, III. 516
- Lubur, mt., XI. 387
- Lucas, A. H. S.: Geographical distribution of land and fresh-water vertebrates in Victoria, XI. 320 †; Geographical distribution of vertebrates in Victoria, XII. 80
- , C. P.: Historical geography of British Colonies; W. Africa, V. 181 †; S. and E. Africa, IX. 461 †; Canada, XVIII. 332 †

LUCAS

- Lucas, F. W.: Annals of voyages of the brothers Zeno, etc., XIII. 93†, 166§
 —, W. A.: Photographs of New Guinea, etc., XIV. 696
 Lucerne, lake, Glaciation of, I. 491;
 Schlammabsatz am Grunde des Vierwaldstättersee: A. Heim, XVIII. 322†
 Lucheche stream, E. Africa, XIII. 580
 Luchenia river, E. Africa, II. 416
Luchu Is.—
 Bibliography of Luchu, Contributions to: B. H. Chamberlain, X. 550†
 Great Luchu, V. 294, 298; Photographs: W. J. Clutterbuck, XIV. 592
 Language, Essay in aid of grammar and dictionary of: B. H. Chamberlain, VII. 441†
 Life in: W. H. Furness, XIV. 225†
 Luchu Is. and their inhabitants: B. Hall Chamberlain, V. 289*, 446*, 534*; VI. 295†
 On manners and customs of Loochooans: B. H. Chamberlain, III. 251†
 Raised coral reefs in islands of Riukiu curve: S. Yoshiwara, XX. 123†, 228§
 Lucknow, N.S.W., Auriferous deposits of: E. F. Pittman, XVII. 213†
 Lucrine lake, Italy, X. 419
 Lüddecke, R.: biography, XI. 574†;
 Deutscher Schulatlas, V. 408†; on large-scale map of the world, I. 254, 257
 Ludeling, G.: Ueber . . . der erdmagnetischen Störungen an Polarstationen, XIV. 346†
 Ludwig, C. G.: *see* Hebenstreit
 —, R.: Geographische und geognostische Umschau auf der Insel St. Barthélemy, III. 535†; Journey in Santo Domingo; W. Sievers on, XIII. 538
 Ludwig Salvator, Archduke: biography, Mme. de Harrasowsky, XVII. 98†; Alboran, XIII. 556†; Bizerta, XII. 326†; Bougie, die Perle Nord-Afrikas, XV. 437†; Cannosa, XI. 679†; Columbrete, VII. 108†; Insel Giglio, XVI. 572†; Liparischen Inseln, †II. 561; IV. 280; V. 86; VI. 193; VII. 328; VIII. 412; IX. 574; Ustica, XII. 625†
 Lue or Bunju lake, E. Africa, IX. 562
 Luembe (Luwembe) river, I. 227; VI. 283
 Luena river, C. Africa, VII. 663; IX. 134; XVII. 130
 Luffmann, C. B.: Vagabond in Spain, VI. 96†
 Lufira river, Congo, XI. 181
 Lufisa river, Nyasaland, V. 114, 116
 Luftaustausch zwischen beiden Hemisphären, Zur Frage des jahreszeitlichen: O. Baschin, VII. 118†
 Lufunso river, C. Africa, II. 240
 Lugano, lake; depth, XIV. 441; Glaciation, I. 490
 Lugar, Capt.: on cable fractures, XIV. 398, 400

LUKUGA

- Lugard, Sir F. D.: E. and W. Africa in Parliament, III. 531†; England and France in Nile valley, VII. 214†; Do. on the Niger, VI. 296†; Expedition to Borgu, VI. 205*; Extension of British influence in Africa, VII. 112†; Journey in W. Africa, etc., VII. 114†; Liquor traffic in Africa, XI. 92†; Medal awarded to, XIX. 629, 647; XX. 113; New British markets—Tropical Africa, VII. 113†; N. Nigeria, Report for 1900–1901 . . . XX. 126†; remarks on "Contributions to physical geography of Br. E. Africa," IV. 516; on "Through Somaliland," etc., XI. 394; Rise of our E. African Empire, III. 71†, 500§; Story of Uganda Protectorate, XVII. 552†; Treaty-making in Africa, I. 53*; Uganda; Its value to British trade, II. 279†; Work in Nigeria, XVIII. 4
 Lugard, Lady: *see* Shaw, Miss F. L.
 Lugeon, M.: Appliquer à une région de la France, ou à une portion de la chaîne Alpine, l'analyse des inconstances géologiques, etc., XVII. 318†; Loi de formation des vallées . . . Alpes occidentales, IX. 675†; L'origine du Chablais, XIV. 222†; Recherches sur l'origine des vallées des Alpes occidentales, XIX. 210§, 648†; Rhône suisse tributaire du Rhin, IX. 337†; Sur la découverte d'une racine des Préalpes suisses, XVII. 547†; Sur la géologie de la région comprise entre le Sanetsch et la Kander, XVII. 547†
 Lui river, C. Africa, IX. 133
 Lui-chau—Peninsule de Loui-Tcheou: C. Madrolle, XII. 95†
 Lukanga, tributary of Kafue, XVIII. 68
 Lukchun depression, C. Asia, VIII. 161, 163; IX. 552, 554; XV. 176; Roborovsky's explorations, V. 489; Klima von Luktschun: A. Woeikof, XVI. 365†; Observations météorologiques, XIII. 431§, 453†
 Lukkun rajah, III. 227
 Lukolela narrows, Congo, XX. 494
 Lukos river, XII. 362
 Luksch, J.: Hydrography of Ægean Sea, III. 510*; obituary, XVIII. 544; Oceanographischen Forschungen der Neuzeit, etc., XI. 573†; Physikalischen-oceanographischen Untersuchungen im Rothen Meere, VIII. 402, 424†; XV. 445†; Seeboden-Relief des Adriatischen Meers, XIX. 103†; Veröffentlichungen der Commission für Erforschung des östlichen Mittelmeeres, I. 379†; Vorläufiger Bericht über die physikalisch-oceanographischen Arbeiten von Rhodus bis zur syrischen Kuste, II. 476†
 Luku, Somaliland, V. 124: VIII. 124
 Lukuga river, I. 356; II. 245; V. 441, 443; XVII. 10; Delcommune's exploration, III. 417*; L'exploration du, par Delcommune; A. J. Wauters, III. 438†

LUKULESHI

- Lukuleshi river, XIX. 183
 Lukulwe river, C. Africa, II. 242
 Luli river, C. Africa, XV. 617
 Lull a Fort Berkeley, Da.; Lettera del missionario P. C. Tappi, XX. 669†
 Lullin, E. I.: Institution d'un méridien central unique, I. 92†; On time standards, I. 73
 Lulongo river, Congo, XX. 494
 Lulua river, C. Africa, XIX. 182
 Lumbwa country, E. Africa, II. 133; XVI. 79, 84
 Lumholz, C.: American cave-dwellers; Tarahumaris of Sierra Madre, IV. 578†; Huichol Indians of Mexico, XI. 456†; Researches in N. Mexico, II. 69; Symbolism of Huichol Indians, XVI. 582†
 —, and A. Hrdlička: Marked human bones from Tarasco Indian burial-place, etc., XII. 435†
 Lummis, C. F.: Awakening of a nation, XIII. 94†
 Lumpemba river, XVII. 127
 Lumsden, G. E.: Unification of civil . . . time, XII. 103†
 —, Sir P.: remarks on "Use of practical geography," etc., XIII. 477
 Lunar: *see* Moon
 Lundai Sin: *see* Swat river
 Lundbeck, W.: Danish Ingolf-Expedition: Porifera, XX. 472†
 Lundi river, E. Africa, II. 510; ruins on, II. 440
 Lundström, A. N.: Fran Svenska Barrskogar, XV. 294†
 Lune river, source, VII. 605, 613
 Luneberger Heide, Geologischer Ausflug in die: Wahnschaffe, XVII. 35†
 Lunet de Lajonquière, E.: Atlas archéologique de l'Indo-Chine, XIX. 412†
 Lunéville, Repartition de la population dans l'arrondissement de: E. Andriot, XIV. 222†
 Lunga country, C. Africa, I. 109
 — tributary of Kafue, XVIII. 65
 Lung-an, China, XIX. 254
 Lungasi or Ossa lake, Kamerun, X. 638
 Lung-Kiang, Taiping and Kinsha rivers; Letter from R. L. Jack on, XX. 111
 Lungwebungu river, XVII. 125
 Lüning, T.: Graphische Darstellung der Fehlergleichungen, IX. 344†
 Lunji, mt., E. Africa, II. 512
 Lunn, H. S.: Travel, VIII. 197†
 Lunsefwa river, C. Africa, I. 112; XVIII. 63
 Luongo river, C. Africa, IX. 445
 Lupungu, chief of Balubas, V. 431
 Lur tribe, of upper Nile, XX. 616
 Luristan, Persia, II. 490
 Lusambo, capital of Lualaba district, V. 429
 Lus Bela: *see* Las Bela
 Luschen, F. von: Beiträge zur Völkerkunde der deutschen Schutzgebiete,

LYDE

- XI. 461†; Parkinsons Beobachtungen auf Bóbolo und Hun, XVI. 703†; Ueber die alten Handelsbeziehungen von Benin, XIX. 400†; Vorschläge zur geographischen Nomenklatur der Südsee, XIX. 404†
 Lushai Hills—Botanical tour in: A. T. Gage, XVIII. 637†; Chin-Lushai land: A. S. Reid, III. 345†; Surveys in, XIV. 314
 Lushais, The, and the land they live in: J. Shakespear, V. 281†
 Lusitania, mt., Spitzbergen, IX. 360
 Lusitu river, E. Africa, II. 508
 Lusizi: *see* Rusizi
 Lussich, A. D.: Celebrated Shipwrecks at Cape Polonio, IV. 580†
 Lusuaswe river, XI. 628
 Lut desert, Persia: *see* Dasht-i-Lut
 Luther, A. V.: Weavers of the Western Isles, XX. 554†
 Lutke Land, Novaya Zemlya, XI. 362
 Lu-tse tribe, Indo-China, XI. 546
 Luttmann-Johnson, H.: Earthquake in Assam, XII. 96†
 Lützelsee und das Lautikerreid: T. Waldvogel, XVIII. 323†
 Lutzenko, E. I.: Observations on lakes at source of Don, XVII. 546†
 Lützow, Count: Bohemian question, XIII. 86†
 Luvegu river, C. Africa, XIII. 433
 Luvua river, C. Africa, II. 242
 Luxembourg—Le Grand-Duché de Luxembourg et Trèves: R. Paillot, VI. 96†
 Luzac, C. G.: Bibliographical list of books on Africa and the East, etc., V. 186†
 Luzon, El nombre de: A. Gumma y Morti y R. du Caillaud, XI. 91†
 Lyakhovski I., New Siberia, XVI. 96
 Lyak-kum-kul, Tibet, IX. 550
 Lyall, Sir A.: Colonies and Chartered Companies, XII. 329†; India under Queen Victoria, X. 119†; Rise of British Dominion in India, I. 279†
 —, D. D.; obituary: Sir J. Hooker, V. 602
 —, Sir J. B.: Punjab irrigation, VII. 441†
 Lyall, Mt., Tasmania; Occurrence of native copper at: G. Thureau, XVIII. 338†
 Lyautey, Col.: De l'emploi de la main-d'œuvre militaire à la construction des voies de communication, XVI. 591†
 Lybern, E. St. J.: Mining and minerals in Transvaal and Swaziland, XVI. 700†; Prospecting for gold in co. Wicklow, etc., XIX. 523†
 Lycops, A.: Codes congolais, XV. 438†
 Lycu valley, Asia Mi., VII. 191
 Lydd, Shorelines S.W. of, IX. 538
 Lyde, L. W.: Commercial Geography of British Empire, IV. 92†; Geography of Europe, XI. 575†; Geography of N.

LYDEKKER

- America, XI. 460†; Geography of British Isles, XII. 626†; Glasgow Series of elementary geography, II. 93†; Man and his markets, XI. 116†; Man on the earth, etc., VII. 340†
- Lydekker, R.: English plains and escarpments, XI. 89†; Geographical history of mammals, VIII. 425†; X. 99§
- Lydia—Aus Lydien: K. Buresch, XI. 682†
- Lyell, Sir C.: on submarine river outlets, XIV. 412
- , and modern geology: T. G. Bonney, VI. 588†
- Lykipia escarpment: *see* Laikipia
- Lyman, B. S.: Illustrations of influence of geological structure on topography, XII. 96†; Movements of ground water, XVII. 98†
- Lyme Regis to Bridport, grading of beach shingle from, XI. 631
- Lynch, A.: Unnoted corner of Spain, X. 226†
- , F. B.: Persian Gulf, XX. 467†
- , H. B.: Armenian question, VII. 440†; Armenia, travels and studies, XVIII. 229†, 608§; Ascent of mt. Ararat, II. 458; remarks on "Bakhtiari mts. and Upper Elam," IV. 501
- , and F. Oswald: Map of Armenia and adjacent countries, XVIII. 245†
- Lyndhurst Goldfield, N.S. Wales; Auriferous ore-beds of: E. F. Pittman, XVII. 213†
- Lynn, W. T.: Ptolemy and his works, VII. 569†
- Lynn Canal, Alaska, XII. 559
- Lyon, Loch; Sir J. Murray's survey, XX. 225
- Lyon, voyageur et géographe: E. Chambeiron, XV. 91†
- Lyonese Commercial Mission to China, X. 94, 439; Exploration Commercial en Chine, IX. 680†; La Mission Lyonnaise d'exploration, XIII. 320†, 671†; XIV. 652§; Voyage de la Mission Lyonnaise: H. Brenier, XI. 450†
- Lyons, A. B.: Chemical composition of Hawaiian Soils, etc., XI. 343†
- , H. G.: Magnetic observations in Egypt, XX. 669†
- , C. A. Raisin, and E. Aston: Note on portion of Nubian desert, X. 552†
- Lyons—
- French Geographical Congress at, III. 338
- Lyons and surrounding region, compiled by Lyons Geographical Society, IV. 468†
- Noms de lieux dans la région lyonnaise: Abbé Devaux, XII. 624†
- Société de Géographie de Lyon et de la région lyonnaise, XVI. 260†
- Lyster, G. F.: Physical and engineering features of river Mersey, etc., IX. 679†

MACCLESFIELD

M

- Maas, A.: Bei liebenswürdigen Wilden, XX. 353†; Ueber seine Reise nach den Mentawai-Inseln, XII. 96†, 410§
- Maas, O.: Aufgaben der Tiefseeforschung, etc., XI. 688†; Cypern von heute, XVII. 444†; Sälzsee von Larnaca auf Cypern, XVIII. 103†
- Maawal, Wadi, Oman, XVIII. 466
- Maba' Sëyön and Gabra Krëstös, Lives of, Ethiopic texts; ed. E. A. W. Budge, XIII. 571†
- Mabole river, W. Africa, X. 240
- Mabry, T. O.: Brown or yellow loam of N. Mississippi, XXII. 327†
- McAdie, A.: Equipment of aëro-physical observatory, X. 233†; Protection from lightning, V. 403†
- , and A. J. Henry: Lightning and electricity of the air, XIV. 344†
- , and G. H. Willson: Climate of San Francisco, XVI. 126†
- Macaire, S. K.: Mon voyage en Abyssinie, X. 551†
- MacAlister, D. A.: Emerald mines of N. Etbai, XVI. 537*; XVII. 90†
- , R. A. S.: Ancient settlement in S.W. of Barony of Corkagniney, XIV. 333†; History and site of Gezer, XX. 556†; Survey of ruins of settlement in Kerry, XIV. 658
- and Masterman: observations of Dead Sea levels, XX. 101
- McAlpine, D.: Australian fungi, etc., VII. 336†
- Macao: L. Jacquim, XIX. 396†
- L'extension de, XIX. 768†
- Macao e o seu Porto: A. Loureiro, VIII. 651†
- On Portuguese dialects of: J. L. de Vasconcellos, II. 189†
- McArdle, D.: Hepaticæ of Hill of Howth etc., IX. 459†
- Macartney, G.: letter on earthquakes in Kashgar, XX. 463; on source of Oxus, VIII. 52
- Macassar—Besuch von Mangkassar: G. Radde, VIII. 309†; Renseignements recueillis à, X. 228†
- Strait, XI. 91; Makassar-Strasse, Balabalagan oder Kleine Paternoster-Inseln, X. 339†
- Macauley, C. B.: Sudan Government military railways, XX. 355†
- MacBeth, R. G.: Farm life in Selkirk Colony, XI. 96†
- McCain, C. W.: History of s.s. *Beaver*, XI. 315†
- McCarthy, J.: Surveying and exploring in Siam, XVI. 578†
- MacCauley, C.: Japanese landscape, VII. 441†
- Macclesfield Bank; surveys IV. 27; V. 73*

†Bibliographical entry.

§ Review or analysis.

M'CLINTOCK

- M'Clintock, Sir L.: Remarks at Franklin Commemoration meeting, VI. 42; at Nansen meeting, IX. 251; on election of ladies, I. 79; on "How can North Pole regions be crossed?" I. 22; on "Journeys in N. Greenland," XI. 239; on "N. Polar problem," IX. 521; on "Present standpoint of geography," II. 504; on proposed Antarctic expedition, XIII. 15; on "*Southern Cross* expedition to Antarctic," XVI. 413; on "Topography of S. Victoria Land," XVII. 494
- McClure, E.: Historical Church Atlas, XI. 110†
- , N. F.: Explorations among Cañons N. of Toulumne river, VIII. 312†; Explorations N. of Toulumne river, V. 608†
- McClymont, J. R.: Discovery of New Guinea by Antonio D'Abreu, XIV. 463†; Influence of Spanish and Portuguese discoveries, etc., on theory of an Antipodeal continent, I. 381†
- McConnell, R. G.: on portion of district of Athabasca, III. 253†; Preliminary report on Klondyke goldfields, XVI. 370†, 687§; Report on exploration of Finlay and Omenica rivers, VIII. 311†, 400§; Survey of Finlay river, III. 208; in Manitoba, X. 628
- McCormick, A. D.: Artist in the Himalayas, VII. 441†
- , H.: What to teach in geography, XVII. 455†
- , W.: Trip to land of the Kangaroo, XII. 437†; Two thousand miles through S. Africa, XVI. 581†
- McCormick Bay, Greenland, Peary's Camp at, II. 304
- McCracken, W.: Sette Comuni, XI. 88†
- McCrindle, J. W.: Ancient India as described in classical literature, XVIII. 325†, 609§; Arabia and Abyssinia in ancient times, VII. 570†; Christian topography of Cosmas, XI. 322†; Invasion of India by Alexander the Great, etc., I. 469†
- M'Dermott, P. L.: Br. E. Africa or Ibea, II. 564†; III. 502§; VI. 296†
- Macdonald, A.: Pioneering in Klondike, XIV. 229†
- , A. B.: Road map of County of City of Glasgow, III. 441†
- , A. C.: Notes on discovery of E. Coast of New Holland, X. 652†
- , Sir C.: journey up Cross river, III. 142
- , D.: South Sea languages, I. 88†
- , G.: Catalogue of Greek coins in Hunterian collection, XX. 251†
- , J. R. L.: Expeditions in E. Africa, X. 211; XIII. 534; geographical work, XII. 521; surveys, XI. 548; XIV. 202; Journeys to N. of Uganda, XIV.

McGEE

- 129*; Notes on ethnology of tribes met with during progress of Juba expedition, XVI. 580†; Report on expedition from Uganda, XIV. 680†; Soldiering and surveying in Br. E. Africa, IX. 576†; X. 174§
- McDonald Lake, and Vicinity: J. M. Holzinger, XVII. 452†
- Macdonell, J.: Question of Native Races in S. Africa, XVII. 677†
- McDonnell Mts., Australia, X. 52; W. A. Horne's expedition, IV. 67
- MacDowall, A. B.: Weather and disease, VIII. 195†
- Macedo, J. de: As nossas riquezas colonias, XX. 132†
- Macedon, Mt., Victoria, Geology of: J. W. Gregory, XX. 362†
- Macedonia (*see also* Albania)—
- Geographie von Makedonien: C. Hilt-scheff, XV. 662†
- Geomorphologie Makedoniens: K. Oestreich, XX. 465†
- I commerci della Macedonia coll' Italia: V. T. di Revel, XIII. 676†
- Journey: A. A. Bashmakov, XIX. 104†
- Macédoine et ses habitants: Testis, XIX. 229†
- Macedonia und seine neue Eisenbahn Salonik-Monastyr: E. Naumann, VI. 580†
- Macedonische Ebene: A. Struck, XIII. 676†
- Macedonischen Seen: J. Cvijić, XVI. 246†
- Makedonien, IX. 234†
- Researches—J. Cvijić, XV. 417; XVI. 215; K. Oestreich, XV. 174
- Upper Macedonia, III. 323
- Maecustus valley and roads connected with it, IX. 162, 258, 259
- McEvoy, J.: Report on geology and natural resources of country traversed by Yellow Head Pass route, etc., XVII. 324†, 532§; Survey of Nasse river, III. 209; in Br. Columbia, X. 630
- McEwan, J.: Geographical distribution of the tea-plant, XIX. 408†; Geography of tea, XV. 445†
- Macey, P.: Cinq ans au Laos, IX. 237
- McFall, C.: With the Zhoib Field Force, VI. 294†
- McGee, W. J.: Antillean Volcanoes, XX. 470†; Asia the cradle of humanity, XVIII. 548†; Geographic development of the District of Columbia, XII. 435†; Geospheres, XIII. 219†; Glacial Cañons, IV. 381†; Growth of U.S., XIII. 216†; Ice caves and frozen wells, XIX. 532†; Lessons of Galveston, XVII. 93†; Modern Mississippi problem, XI. 571†, 670§; National growth and national character, XIV. 466†; Papagueria, XIII. 216†; Pleistocene history of N.E. Iowa, III. 254†; Potable waters of Eastern U.S., VII. 216†

McGEE

- McGee, and W. D. Johnson: Seriland, VIII. 312 †
- MacGonigle, J.: Geography of Southern Peninsula of U.S., IX. 241 †
- McGrath, P. T.: France in Newfoundland, XIII. 323 †
- Maegregor, C. R.: obituary, XX. 347
- , E.: on navigation of Magdalena, VIII. 73
- , Sir W.: Br. New Guinea; country and people, X. 553 †; (Despatches), † XI. 203; XII. 102; XIII. 96, 458; (Papers), † VI. 98; VII. 116; XIII. 683; (Reports, annual), XII. 636 †; XIII. 540 §, 567 †; XIV. 231 †; Discovery of Purari river, XIII. 683 †; Explorations, X. 97; (in Trobriand Is.), I. 274; (on N. Coast), XII. 318, 417; Founders' Medal awarded to, VIII. 87; Handbook of information for settlers in Br. New Guinea, I. 282 †; Journey across, IX. 93, 449; Journey of Forbes and Thomson, XII. 102; Journey across Fergusson I. . . VII. 432; Malaria and its prevention, XIX. 112 †; Map of E. part of Br. New Guinea, XIII. 333 †; Reports on ascent of Mambare river, and Mambare massacre, XI. 319 †
- Mach, R. von: Karte der Schulsphären der türkischen Balkan-Halbinsel, XIV. 126 †
- Machabi river, C. Africa, I. 302
- Machaček, F.: Climatology of Sonnbliek Group, XV. 640; Eduard Suess, Das Antlitz der Erde, XX. 472 †; Zur Klimatologie der Gletscherregion der Sonnbliekgruppe, XVII. 442 †
- Machado, J.: O território de Manica e Sofala, etc., VII. 443 †
- Machako's to Kitwiy, Journey from: J. Ainsworth, VII. 406 *
- Machat, J.: Essai sur la géographie du Fouta-Djallon, XVII. 449 †; Ressources économiques du Fouta-Djallon, XIV. 459 †; Tombouctou et la politique française dans l'Afrique, XI. 685 †
- Machavariani, K.: Descriptive . . . sketch of city of Artvin, XI. 196 †
- Mache country, XIV. 634
- Machili, Journey up the: P. C. Reid, IX. 143 †; From the Machili to Lialui: A. Bertrand, IX. 145 *
- Machin and discovery of Madeira, III. 425, 517
- Macholles, Sur les sondages profonds de Charmoy et de: A. M. Lévy, VIII. 425 †
- Machon, Voyage du, à travers le Paraguay, IX. 242 †
- Machuron, A.: see Lachambre, H.
- McInnes, W.: Report on geology of area covered by Seine river, XV. 195 †; Work in W. Ontario, VII. 413
- MacIvor; ascent of Takht-i-Suliman, IV. 465
- Mackay, A.; obituary, V. 276

McKINNON

- Mackay, G. L.: Unter den Aboriginalstämmen Formosa, IX. 460 †
- , J.: Sutherland place-names, VIII. 649 †
- , Rev. J.: routes in Yoruba country, VI. 569
- Mackenzie, D.: Morocco and European Powers, XX. 246 †
- , E. A.: Relief map of Transvaal, XV. 93 †
- , G. S.: remarks on "Ancient Kingdom of Kongo," XIX. 558; on "Bakhtiari mts. and Upper Elam," IV. 503
- , J.: Bechuanaland, XI. 313 †
- , R. J.: work on Afghan frontier, V. 271
- , T.: Exploration between Dusky Sound and Lake Manapouri, IX. 465 †
- , and W. S. Pillans: Explorations in W. Otago, IX. 465 †
- Mackenzie river, E. Africa, I. 534; II. 335; IV. 107
- river: Canada, XVIII. 250; Geology of Dawson and Mackenzie rivers: B. Dunstan, XX. 361 †; Voyage à l'embouchure de la: E. de Sainville, XIII. 435 §, 456 †
- Mackie, S. F.: on water-supply of Great Salt Lake, XVIII. 93
- , W.: Laws that govern rounding of particles of sand, XI. 573 †; Notes on distribution of erratics over E. Moray, XVIII. 228 †
- Mackinder, H. J.: Britain and the British Seas, XIX. 489 §, 523 †; Kenya Expedition, XIV. 93, 564; Ascent of mt. Kenya, XVI. 249 †; Journey to summit of, XV. 453 †; XVI. 124 †; on name of, XVII. 305; Lectures, I. 157, 261, 354; II. 15, 455, 547; IV. 268; V. 76, 165; VI. 381; VII. 91; (results of examination on), V. 165; Modern geography, German and English, VI. 367 †; Orographical map of Europe, XVI. 593 †; Oxford, report on geography, II. 25; IV. 29; VI. 25⁸ VIII. 61; IX. 653; XII. 8; XIV. 87; Reclus, "Universal Geography," IV. 158 §; remarks at Geographical Association, XIII. 202; XI. 168; on introducing Training College students, II. 81; on "Proposed geographical description of British Is.," VII. 357; on "Use of practical geography, etc.," XIII. 479; on "Waterways of English Lakeland," VII. 624
- McKinley, Mt., Alaska, XIX. 610; XX. 105; R. Muldrow, XVIII. 536 §, 551 †
- McKinney, H. G.: Intercolonial water rights as affected by federation, XIX. 403 †, 760 §; Progress and position of irrigation in N.S.W., IV. 380 †; Water conservation surveys of N.S.W., XI. 102 †
- McKinnon, C.: Journey from Domira Bay, Lake Nyasa, to Fife, XIX. 603 *

McKINNON

- McKinnon, Q.: death of, I. 552
 McKirdy, J.: Time, tide, and distances, XX. 363 †
 Maclaude: La Guinée française, XI. 684 †; XVI. 250 †; Mission à travers la Guinée et la Fouta-Djallon, XIV. 582 †, 644 §
 MacLagan, R.: obituary, IV. 179
 Maclaren, J. M.: Physical history of fjords of New Zealand, XX. 672 †
 Maclean, A. J., and W. H. Brown: Catholics of the East and his people, III. 436 †
 ———, J. M.: New projects of railway communication with India, XV. 549 †
 Maclear, J. P.: Arctic Pilot, XIX. 779 †; Sailing directions for W. coasts of America, etc., IX. 578 †
 McLeod, C. H.: Memorandum on work of Montreal longitude determination, V. 183 †; Trigonometrical survey for Canada, XVII. 451 †
 ———, and H. L. Callendar: Our record of Canadian earthquakes, XI. 454 †
 ———, J. L.: obituary, II. 559
 McMahon, A. H.: Letter on ascent of Takht-i-Suliman, IV. 465; remarks on "Formation of sand-dunes," IX. 306, 309; S. borderlands of Afghanistan, IX. 393 †; X. 227 †; Volcanoes of Beluchistan-Afghan frontier, X. 588
 ———, A. R.: Far Cathay and Farther India, I. 83 †
 ———, C. A.: Notes on geology of Gilgit, XVI. 365 †
 ———, and A. H.: Notes on some volcanic and other rocks in Baluchistan, X. 455 †
 ———, P. A.: Terrestrial refraction, VII. 218 †
 ———, W.: Journey with the sun around the world, XVI. 592 †
 McMaster, E.: High plateaus of Natal, XX. 357 †; Highlands of Natal, VIII. 93 †; Report on Beira and district, XVI. 351
 MacMillan, C.: Geographical distribution of plants, X. 346 †
 Macmillan's Guides: Italy, E. and W. Mediterranean, Palestine and Egypt, XIX. 228 †, 366 §, 394 †, 410 †
 McMurry, F. M.: Causal notion in geography, IX. 687 †
 MacNish, N.: Wales and its literature, IX. 236 †
 Maconnais, Charolais, Beaujolais, Lyonnais: L. Gallois, III. 249 †
 McOuat: Surveys in Canada, X. 625
 Maçoudi, Note sur un ouvrage attribué à: Baron Carra de Vaux, VII. 684 †
 Macoun, J.: Catalogue of Canadian birds, XVI. 370 †; XIX. 529 †; Forests of Canada, VII. 114 †
 Macpherson, W. G.: Medical report on Mission of Sir G. Euan-Smith to Fez,

MADAGASCAR

- X. 552 †; Photographs of Morocco, XI. 111
 Macquarie Harbour, Physical aspect and future prospects: C. N. Bell, XVI. 586 †
 ——— I., *Discovery's* visit to, XIX. 442
 Macquoid, C. E.: Report of Intelligence Officer on N. Shan States, IX. 236 †; on tour in Shan States, X. 325; on various sites for sanitarium in Burma, XII. 431 †
 Macrobius, ancient maps, XV. 383
 Macronisi, Le rocher de la Belle Hélène: H. Hauttecoeur, VII. 676 †
 Madaba mosaic map, XVI. 328; Mosaikkarte von Madaba: A. Schulten, XVII. 210 †, 516 §
 Madagascar—fauna, VII. 289; fossils, VI. 246; French scientific "protection," XII. 80; sources of information, IV. 564; waterway on E. coast of, XVIII. 89
 Accroissement de la population en Emyrne: Gallieni, XIII. 563 †
 Agriculture européenne à Madagascar: E. F. Gautier, XVII. 323 †
Antananarivo Annual and Madagascar Magazine, I. 376 †; VII. 443 †
 Arab immigration into S.E. Madagascar: G. A. Shaw, XIX. 772 †
 Avenir agricole des hauts plateaux de Madagascar: Dr. Besson, XX. 558 †
 Betsiléo, past and present: H. T. Johnson, XVIII. 551 †
 Bevölkerung von Madagascar: A. Oppel, IX. 239 †
 Bouéni: A. Fayet, XII. 632 †
 Canal des Pangalanes, XVIII. 456 †
 Capital, proposed removal of, XIX. 374
 Ce qu'il faut connaître de Madagascar: E. Caustier and others, VII. 113 †
 Colonisation à: F. Delisle, VII. 679 †
 Correspondence with French Government respecting, XIV. 118 †
 Côtes de: E. Fichot, XX. 356 †
 Cultures au Brésil et l'avenir de Madagascar: A. R. Conty, XIV. 228 †
 Délégation à Madagascar de A. Boegner et P. Germond, Rapport, XVI. 581 †
 Développement de: G. Gallieni, XIX. 637 †
 Discours prononcée à la Séance Générale du Congrès: A. Grandidier, VIII. 531 †
 Droits de la France sur Madagascar: G. Routier, VI. 488 †
 Early history of Imerina, based upon native account: T. Lord, XVIII. 551 †
 ——— notices of: W. Forster, XI. 569 †; XIII. 680 †
 Economic plants of: R. Baron, XIII. 680 †

MADAGASCAR**Madagascar—continued.**

- Emyrne industrielle, agricole et commerciale: E. François, XVIII. 456 +
 Exposition Universelle, XVII. 92 +
 Fandroana or annual festival of Taimoro, XIII. 563 +
 Fictitious French claim to Madagascar: K. Blind, V. 89 +
 Flore de Madagascar: E. Bureau, VII. 443 +
 Forêt à Madagascar: M. Zimmermann, XIII. 563 +; Forêts et les essences forestières exploitables à Madagascar: H. Jumelle, XVI. 369 +; Les forêts, le caoutchouc: G. Vasco, VII. 214 +
 Forschungen und Fortschritte auf Madagascar: H. Siedel, XVII. 554 +
 Français à Madagascar: G. Gravier, V. 607 +; French in Madagascar: A. F. Gregory, VIII. 418 +; IX. 239 +
 Gallieni, L'oeuvre du, à Madagascar, XX. 356 +
 Guide de l'Immigrant à Madagascar, XVI. 581 +
 Habitants, sa faune et sa flore: G. Grandidier, XX. 558 +
 Histoire de la découverte de: A. Grandidier, XIX. 772 +
 — de la fondation du Royaume Betsimisaraka: G. Grandidier, XV. 665 +
 — de l'occupation du territoire des Antaimorona: C. Huet, XIX. 657 +
 — physique, naturelle et politique: A. Grandidier, XIX. 657 +
 Hova sont-ils des Malais? E. F. Gautier, XVI. 369 +
 Hovas et le peuplement de Madagascar: M. Zabołowski, XIV. 337
 Hypsométrie de la partie septentrionale de: E. F. Gautier, XII. 632 +
 Iles de Sainte Marie: G. Landrieu, VIII. 531 +
 Importance de Madagascar: Nogues, VII. 214 +
 Industrial progress: J. Sibree, XIII. 563 +
 Land of parrots: P. Oliver, XV. 665 +; XVII. 92 +
 Languages spoken in: J. T. Last, VII. 214 +
 Levés géodésiques... à Madagascar: P. Colin, XIII. 93 +
 Madagascar: Lady Colville, XIV. 228 +
 —: W. H. Hunt, XVII. 323 +
 —: A. Martineau, VII. 332 +
 —: Mœurs, Boussand, et Grosclaude, XI. 314 +
 —: M. Paisant, VI. 583 +

MADAGASCAR**Madagascar—continued.**

- Madagascar: J. le Savoureux, I. 376 +
 —: C. Spielmann, VII. 443 +
 — (1896-1899): Gallieni, XV. 551 +
 — au début du XX^e siècle, XX. 246 +
 — au point de vue économique: L. du Coudray, XVI. 251 +
 — de 1890 à 1899: A. Jully, XV. 552 +
 — en 1894: A. Martineau, V. 89 +
 — en 1898: R. Jogan, XIV. 118 +
 — et l'alimentation européenne: P. Locamus, XI. 569 +
 — et les Hova: J. B. Piolet, VI. 488 +
 — il y a cent ans: A. Grandidier, VIII. 93 +
 —, Mauritius and other E. African islands: C. Keller, XVII. 554 +
 —, la Réunion, etc.: R. P. Piolet et C. Nouffland, XVII. 676 +
 —, Sequel of the war: A. Smith, IX. 239 +
 Majunga, Région de, XIV. 337 +
 —, son importance son avenir: G. Landrieu, V. 89 +
 Malagasy place-names, XIII. 680 +
 — sub-region of geography of mammals, VII. 287
 Malayo - Polynésische Forschungen von R. Brandstetter; II. Tagalen und Madagascar, XX. 356 +
 Malgaches, L'origine des: E. Courtet, XIV. 228 +; A. Grandidier, XV. 439 +; Origines de la langue malgache: H. Mager, XX. 356 +
 Media altezza dell' Isola di Madagascar: O. Marinelli, X. 551 +
 Noms de lieux de Madagascar: A. Grandidier, VI. 488 +
 Notes sur la région comprise entre les rivières Mananjara et Iavibola: G. Ferrand, VIII. 418 +
 Observations astronomiques... sur la cote occidentale de: Père Colin, XIV. 118 +
 Or à Madagascar: J. Servigny, XIX. 657 +
 Organisation militaire et administrative de, X. 551 +
 Onest Malagache: E. F. Gautier, VI. 195 +
 Paludisme à Madagascar: Vincent et Burot, VIII. 531 +
 Pays Antanosy: Sainjon, XIX. 657 +
 — Betsileo et sud de l'île: Dr. Besson, XX. 558 +
 Peuples de Madagascar: H. Mager, VII. 332 +
 Population du Haut-Bouéni, XIV. 228 +

MADAGASCAR**Madagascar—continued.**

- Ports de la côte ouest de Madagascar: M. P. Carré, XX. 356†
- Positions géographiques . . . sur la côte orientale de Madagascar: Père Colin, XVI. 368†
- Province pétrographique du nord-ouest de: A. Lacroix, XVII. 676†
- Quelques documents sur Madagascar au XVII^e siècle: G. Saint-Yves, XVIII. 456†
- Railway—progress, XV. 536; Chemin de fer, etc.: A. Duponchel, XI. 568†; Chemins de fer: A. Duponchel, X. 551†; Projet de chemin de fer: A. Duponchel, X. 552†; Travaux publics et le chemin de fer de Madagascar, XVI. 251†
- Rapport d'ensemble du général Gallieni sur Madagascar, XIV. 682†
- . . . sur les conséquences du rattachement à Madagascar des anciennes colonies de Diego-Suarez, etc, XII. 632†
- Réception du général Gallieni, Conférence de M. Jully sur Madagascar au point de vue économique, XVII. 211†
- Ressources minières de: P. Hérault, XIX. 657†
- Sakalava, Observations on, XVIII. 551†
- Sept ans à Madagascar: F. Sikora, XI. 199†, 314†
- Soil and climate: A. Grandidier, III. 532†
- Sol de Madagascar: S. Meunier, VI. 488†
- et climat de Madagascar au point de vue de l'agriculture, VI. 488†
- Trade (Foreign Office Rep.), XV. 439†; XVII. 92†
- West-Madagaskar auf Grund eigener Anschauung: A. Voeltzkow, VIII. 311†
- W. Madagascar, and Antinosi country, Notes on: J. T. Last, VI. 227*
- ; Geology, etc.: E. F. Gautier, XIII. 563†
- Maps—**
- Carte de Madagascar: J. Hansen, VI. 399†; P. Locamus, XV. 678†; XVI. 136†, 595†; Service géo. de l'armée, V. 611†; Do du Corps d'occupation, XVIII. 247†; XX. 678†
- manuscrite, etc.: J. Hansen, VI. 494†
- Cartes de l'Imerina: Grandidier, et Roblet, V. 510†
- Madagascar, d'après les travaux d'Alfred Grandidier, V. 407†
- Notre carte de Madagascar: B. Gaubert, VI. 296†

MADAGASCAR**Madagascar—continued.**

- Travel and Survey—
- Dans le sud de Madagascar: G. Grandidier, XX. 126†
- Deux Missions scientifiques sur les côtes occidentale et orientale de Madagascar: E. Colin, XVIII. 110†
- Etudes géographiques à Madagascar, XVI. 581†
- Excursion en pays Antanosy, au XVIII^e siècle: V. Tantet, XX. 126†
- Expedition of 1895–96: S. P. Oliver, X. 551†
- Fianarantsoa to Masindrano: J. Pearse, XI. 569†
- French Exploration in, IV. 175
- travellers in: A. Grandidier, III. 531†
- Gautier's explorations, IV. 565; VI. 284; Mission to Madagascar, IV. 282†
- History of a map; Adventures, etc., in: D. Roblet, XI. 569†
- Journal de route du Bas Manambovo à Tuléar: Sergent Baldauf, XX. 468†
- Journal of voyage to W. coast: H. Douliot, III. 532†
- Journey from Beseva to Soalala: A. Voeltzkow, II. 278†
- to Country of Tanala: L. Besson, III. 532†
- Madagascar-Nord. En exploration: Père Fertineau, XVII. 676†
- Mayeur's journeys in eighteenth century, VIII. 71
- Mission dans le Nord-Ouest de Madagascar: V. Duruy, XIV. 337†
- Missions hydrographiques, Rapport: Driencourt, Rollet de l'Isle, et Laporte, XII. 632†
- Reconnaissance au plateau de l'Androy, et au Faux-Cap au Sud-est de: S. L. XVIII. 551†
- Reisen in Madagaskar und Ostafrika: A. Voeltzkow, XI. 314†
- norwegischer Missionäre: G. Kurze, VII. 679†; IX. 462†
- Route de Tamatave à Tananarive: A. Durand, XIV. 228†
- S. Madagascar; G. Grandidier's journey, XIX. 90
- Travaux géographiques autour du massif central de Madagascar: P. Colin, XX. 356†
- Travaux géographiques et cartographiques exécutés à Madagascar: A. Grandidier, XIV. 682†; XV. 551†; Aperçu général, XVIII. 330†
- Vom Morondava zum Mangoky: A. Voeltzkow, VIII. 418†
- Voyage chez les Sakalaves du sud-ouest: Bastard, XII. 632†; XV. 535

MADAGASCAR**Madagascar—continued.**

- Voyage dans le sud-ouest de Madagascar: G. Grandidier, XVII. 450 †
 — de découvertes . . . de l'île de Madagascar: A. Grandidier, XIII. 563 †
 — de la Reine Ranavalona Ire. à Manerinerina: G. Grandidier, XVI. 369 †
 — de Lemaire dans l'Androy: A. Grandidier, X. 551 †
 Voyages by Sieur D. B. to islands . . . Madagascar and Bourbon in 1669–72: S. P. Oliver, X. 551 †
 Zoological expedition: C. I. F. Major, IX. 681 †
 Madang country, Borneo, XVI. 40, 42; people, XVI. 46
 Madden, Sir J.: Inaugural address, XV. 676 †; Wilderness and its tenants, IX. 689 †
Madeira—
 Holiday wanderings in: A. E. W. Marsh, I. 85 †
 Land of the wine, being account of Madeira Is.: A. J. D. Biddle, XIX. 107 †
 London to Madeira, Voyage southward of *Discovery*: H. R. Mill, XIX. 417 *
 Machin and discovery of, III. 425, 517
 Madeira and Canary Is.: A. S. Brown, XIII. 680 †; XIX. 107 †
 — e o seu clima: J. A. Martins, XIX. 657 †
 — Is.: A. J. D. Biddle, XV. 552 †
 — waterways: R. Owen, XIII. 93 †
 Trade (Foreign Office Rep.), † XII. 632; XV. 439; XVII. 450
 Madeira river; mean flow, XII. 387
 Madeira river and its affluents, XVII. 374
 Madeirastrom: M. Lamberg, XVII. 94 †
 Mader, F.: Aus den Ligurischen Alpen, IX. 334 †; Höchsten Teile der Seealpen, etc., X. 646 †; on physical geography of Maritime Alps, XII. 607
 Madi tribe, Sudan, IX. 370; XX. 616
 Madidi river, Bolivia, X. 443
 Madidu chief, Nigeria, IX. 444
 Madina, altitude, X. 393, 397
 Madoc, Essay on discovery of America by: T. Stephens, II. 568 †
Madras—
 Administration of presidency, Reports, † VII. 677; IX. 680; XII. 432; XIV. 225; XVI. 247; XVIII. 325
 Documents relating to taking of Madras in 1746: R. C. Temple, XVIII. 325 †
 Founding of Fort St. George: W. Foster, XX. 667 †
 Government Museum, Anthropology: E. Thurston, † IX. 680; XIII. 89; XIV. 579
 Irrigation works, VIII. 10
 Juggarow Observatory, reports, † IX.

MAERCKER**Madras—continued.**

- 460; XI. 451; XIII. 558; XV. 191;
 Hourly meteorological observations, III. 437 †
 Kodaikanal and Madras Observatories, Report, XVIII. 324 †
 Longitude redetermined between Madras and Greenwich, VI. 471;
 Report on Recent Determination: S. G. Burrard, XI. 174 §, 195 †
 Manual of standing information, IV. 187 †
 Results of observations of fixed stars: C. M. Smith, II. 185 †
 Southern Satrapy: J. D. Rees, XVIII. 230 †
 Waterworks of Madras Presidency: J. A. Jones, XV. 191 †
 Madre de Dios river, X. 443; discovery, XIV. 447; islands, VII. 188; tribes, VII. 189
 Diary of expedition to: V. Mercier, III. 534 †
 Exploration: V. Mercier, III. 517 †; Pando and Viellerobe, XIV. 214
 Recent discoveries in basin of: Sir C. R. Markham, VII. 187 *
 Madrid—Repertorio de Publicaciones y Tareas de la Sociedad Geográfica de: R. B. y Rózpide, XIX. 534 †
 Madrolle, A.: Le Kouang-tcheou-ouan; Sa zone d'action, XVIII. 323 †
 —, C.: A propos du chemin de fer français au Yunnan, XIV. 457 †; Aperçu, canal naturel entre la Casamance et le Cachéo, IV. 189 †; Atlas de l'Empire chinois, XVI. 262 †; XVIII. 652 †; Hai-Nan et la côte continentale voisine, XVII. 86 †; Hainan, La colonisation chinoise, XI. 682 †; Ile d'Hai-Nan, XII. 430 †; Itinéraires dans l'ouest de la Chine, XVII. 548 †; journey in Tongking and China, IX. 220; La péninsule de Loui-Tcheou, XII. 95 †; Les peuples et les langues de la Chine méridionale, XII. 628 †; Les premiers voyages français à la Chine, XIX. 652 †; Questions chinoises, XII. 95 †
 Madsen, C. L.: Thermo-geographical studies, XI. 103 †; XII. 618 §
 —, O. E.: Om Betydningen af Landenes geografiske Forhold for deres Magtomraade, VII. 685 †; Udsigt over den geografiske Udbredelse af Stednavnsklasser i Danmark, XVIII. 225 †
 Madura plain, irrigation of, VIII. 11
 Madziabango, C. Africa, XV. 612
 Mæander valley, Asia Mi., VII. 192;
 Mæanderthalbeben vom Sept. 1899: F. Schaffer, XVII. 321 †
 Maens, J.: Bewegung des Elbwasserstandes bei Magdeburg, XIX. 522 †; Teilung der Elbe, XIII. 88 †
 Maereker, J.: Geographischen Ursachen von Spaniens Niedergang, XIII. 655 §; XIV. 112 †

MAERCKER

- Maercker: Entwicklung des Kiantshou-Gebietes, XIX. 652 †; Landesaufnahme von Deutsch-Ost-Afrika, X. 229 †; *see* Märcker
- Maes, V.: Ueber Herstellung von Globus-scheiben, XX. 363 †; Projection sphérique comparée aux autres projections, XVIII. 238 †
- Mafia I., E. Africa; O. Baumann's survey, IX. 665 †; Insel Mafia: O. Baumann, VIII. 531 †; map, VIII. 427
- Mafuta's position and height, X. 171
- Magagnose, Grotte de: C. Marcelin, XIV. 222 †
- Magagoni river, E. Africa, IV. 301
- Magalla, etc., Bericht über eine Expedition nach, XIV. 583 †
- Magarey, A. T.: Australian aborigines' water quest, XV. 555 †; Tracking by an Australian aborigine, XV. 554 †
- Magarini sands, E. Africa, IV. 301
- Magdalena river, Colombia, XVII. 347
- Carta corográfica del Departamento de: F. Simons, VII. 228 †
- Navigation, Report: E. MacGregor, VIII. 73
- Magellan—Descobrimento das Filipinas pelo navegador Portuguez Fernão de Magalhães: G. Alberto, XIV. 466 †; Magellano scopri lo stretto che porta il suo nome? U. Grifoni, XX. 250 †
- Magellan, Straits of, XVI. 14; XIX. 313
- Comision hidrográfica al Estrecho de Magallanes: A. E. Wilson, XI. 100 †
- Derrotero del Estrecho de Magallanes i de la Tierra del Fuego: J. F. Chaigneau, XVII. 325 †
- Landschaftsformen der Magellan-Länder, etc.: O. Nordenskjöld, XIX. 403 †
- Lemétayer and Blanchard's studies in, I. 463
- Winter voyage through: R. W. Meade, X. 458 †
- Mager, E.: Auswanderung nach Südostafrika, etc., VIII. 311 †
- , H.: Atlas d'Algérie et Tunisie, XVII. 686 †; Grandeur et décadence des établissements de Taïti, IX. 580 †; Nouvel Atlas colonial, XV. 95 †; Origines de la langue malgache, XX. 356 †; Peuples de Madagascar, VII. 332 †; Souvenirs de voyages aux îles de la côte orientale d'Afrique, XII. 209 †
- Maggiore, Lake, depth, XIV. 441; Cordone litoraneo presso Ispra sul: C. Reale, X. 452 †; Morphométrie du lac Majeur: E. Ritter, VIII. 528 †
- Magh Adhair, co. Clare: T. J. Westropp, IX. 459 †
- Maghra, desert of, subterranean aqueducts in, V. 330
- Maghreb el Akssa, Climat du: A. Milhaud, V. 607 †
- Magila in Picture; series of illustrations

MAGNETISM

- of places and people in Usambara District, XIX. 399 †
- Magill, H.: Letter on approaches to Newfoundland and adjacent banks, XVII. 315
- Magistris, L. F. de: Bibliografia Geografica della regione Italiana, XVIII. 103 †; Depressione prenestina . . . della Campagna romana, XI. 681 †; Gli "Atti del Secondo Congresso Geografico Italiano," XI. 576 †; I "Riu Mannu" di Sardegna, XI. 450 †; La pesca delle Spugne nel Mar di Lampedusa, XI. 565 †; Le Isole Curian-Murian, XI. 310 †; Le Provincie d'Italia, XIII. 210 †, 556 †; Monografia della provincia di Teramo, XII. 537 †; Per gli Appennini, XI. 449 †; Risultati zoologici della prima spedizione Böttogo nella Somalia, XI. 314 †; Sul clima della colonia Eritrea, VII. 214 †; Sull'opportunità di stabilire . . . il limite convenzionale tra Italia Continentale e Italia Peninsulare, X. 452 †
- Magliano, R.: Notizie sul Messico in attinenza cogli interessi italiani, XVIII. 333 †
- Maglic peak, Montenegro, IV. 392
- Magnaghi, A.: Biography of Angellinus de Dalorto, XI. 460 †; Carta Nautica Construita . . . da A. Dalorto, XII. 546 †; XIII. 203 §; Il Mappamondo del genovese Angellinus de Dalorto, XVIII. 241 †; Relazione inedita di un viaggio al Tibet. XX. 55 †
- , GB.: Di alcune esperienze eseguite negli Stretti dei Dardanelli, V. 398 †
- Magnasco, O.: La cuestión de Limites, VIII. 192 †
- Magnesian Is.; Philippon's investigations, XVIII. 211
- Magnetic Island, Australia; Physical Geology: A. G. Maitland, I. 185
- Magnetism—**
- Aeltesten Karten der Isogonen, Isoklinen, Isodynamen: E. Halley, W. Whiston, J. C. Wilcke, A. von Humboldt, C. Hansteen, IX. 113 †
- Aenderung der Erdmagnetischen Kraft mit der Höhe: J. Liznar, XV. 557 †
- Anfänge der magnetischen Beobachtungen: G. Helmann, XI. 104 †
- Assumed normal magnetization: L. A. Bauer, XIV. 234 †
- Bericht der Deutschen Seewarte . . . der magnetischen Beobachtungen in dem deutschen Küstengebiete, etc., XI. 104 †; XVI. 705 †
- Bestimmung der bei den Variationen des Erdmagnetismus . . . Kraft: S. Liznar, I. 379 †
- Bigelow's "Solar and terrestrial magnetism": A. Schuster, XIII. 687 †
- Component fields of the Earth's permanent magnetism: L. A. Bauer, X. 234 †

MAGNETISM**Magnetism—continued.**

- Contributions to terrestrial magnetism: Kostinsky, V. 184; U.S. Hydrographic Office, VI. 396 †
- Darstellung der Ergebnisse erdmagnetischer, etc.: A. Schmidt, XII. 218 †
- Declination—in Franz Josef Land, X. 183; Influence of configuration, etc., of coast-lines upon: H. Wilde, V. 93 †; Magnetische Declination, etc.: G. D. E. Weyer, VII. 449 †; Relation between diurnal range, etc.: W. Ellis, XII. 217 †; Relations of secular variation: H. Wylde, IV. 88 †; Variation diurne de la déclinaison magnétique: A. Angot, XVII. 681
- Distribution . . . of terrestrial magnetism: L. A. Bauer, VII. 219 †
- Earth a great magnet: J. A. Fleming, XI. 104 †
- Earth a magnetic shell: F. Bigelow, VII. 219 †
- Earth-currents and electrical currents in atmosphere, etc.: S. Lemström, XVI. 375 †
- Elemente des Erdmagnetismus, etc.: H. Fritsche, XIV. 345 †; XVII. 681 †
- Erdmagnetischen Inklination und ihrer Variationen: H. Wild, XIV. 346 †
- Potentials: A. Schmidt, IX. 113 †
- Störungen an Polarstationen: G. Lüdeling, XIV. 346 †
- Erdmagnetischer Beobachtungen nach einheitlichem Plane: A. Nippoldt, XIII. 687 †
- Erdmagnetismus und Erdgestalt: A. Schmidt, VII. 338 †
- Expédition norvégienne pour l'étude des aurores boréales: K. Birkeland, XX. 564 †
- Geographischen Aufgaben der erdmagnetischen Forschung: A. Schmidt, XII. 218 †
- Geotektonik und Erdmagnetismus: E. Naumann, XII. 218 †
- Influence of planets on observed phenomena of terrestrial magnetism, XII. 218 †
- International Conference on, etc., XIII. 219 †
- Is principal source of secular variation of earth's magnetism within or without earth's crust?: L. A. Bauer, XIV. 234 †
- Is there a 428-day period in terrestrial magnetism? J. F. Hayford, XIV. 234 †
- Loi de la distribution de magnétisme: A. de Tillo, VII. 219 †
- Magnetic field of the earth, Secondary: A. W. Rücker, XIV. 588 †; Secular change in direction of: G. W. Littlehales, XIV. 688 †
- influence of sun on earth and

MAGNETISM**Magnetism—continued.**

- on comets: A. Harvey, XVI. 588 †
- Magnetic Instruments—Ergänzungen zu meinem magnetischen Reise-Theodolith, etc.: H. Wild, XVI. 256 †; Messung der Horizontalintensität . . . mittels des magnetischen Theodoliten: J. Liznar, XVI. 589 †
- Intensity — Zusammenhang zwischen Horizontal-intensität und der Inclination: H. Fritsche, VII. 219 †
- Observations—Comparing and reducing, XIV. 345 †; Distribution of magnetic observatories: A. Schmidt, X. 234 †; Report of Committee, X. 234 †; Einrichtung erdmagnetischer Observatorien: H. Wild, XIII. 219 †; Early: W. Whiston, VI. 187; General bearings of: E. W. Creak, XI. 104 †
- Pole at Kochetovka, XI. 663; Expedition to North: R. Amundsen, XIX. 97, 484 *; XX. 627 *; Gilder's proposed expedition, I. 170; Position of South, X. 381; XVI. 412; questions to be settled by expedition to; Neumayer on, III. 37
- results at Greenwich and Kew discussed and compared: W. Ellis, XIV. 345 †
- state of N. polar area, IX. 517, 525
- survey and gravity measurements by Austrian officers, I. 365; XI. 303
- Magnetische Aufnahme Oesterreich-Untergarns, etc.: J. Liznar, XII. 329 †
- Magnetischen und hydrographischen Beobachtungen im Eismeer, X. 342 †
- Magnetism and meteorology: F. H. Bigelow's investigations, II. 374
- Magnétisme terrestre: C. Lagrange, XV. 557 †
- Magnetismo terrestre sul Monte Rosa A. Sella, VII. 449 †
- Map: Linien gleicher Werte . . . der erdmagnetischen Kraft: A. Schmidt, XII. 444 †
- Minute . . . changes of the earth's magnetism: M. Eschenhagen, XII. 218 †
- Neue allgemeine Erscheinungen . . . der erdmagnetischen Elemente: A. Nippoldt, XII. 639 †
- Normale Erdmagnetismus: W. von Bezold, VII. 568 †; observations on the *Fram*, VIII. 392
- Nothwendigkeit einer Vervollständigung . . . der erdmagnetischen observatorien: A. Schmidt, IX. 685 †
- Observations du Magnétisme terrestre faites à Upsala: L. Solander, III. 163 †
- magnétiques en mer, etc.: Schwerer and E. Guyou, IX. 685 †

† Bibliographical entry.

§ Review or analysis.

MAGNETISM

Magnetism—continued.

- Periodische Veränderungen des Erdmagnetismus: M. Eschenhagen, XI. 104†
 Peter Apian's Bestimmung der Magnetischen Missweisung v. J. 1532 und die Nürnberger Kompassmacher: H. Wagner, XVIII. 240†
 Possible cause of earth's magnetism: W. Sutherland, XVI. 589†
 Present state of theory of earth's magnetism: A. Nippoldt, XVII. 564†
 Probleme des Erdmagnetismus, etc.: M. Eschenhagen, XIV. 588†
 Recent researches on: A. W. Rücker, XII. 218†
 Relation qui existe entre la répartition des éléments magnétiques: A. de Tillo, XV. 557†
 Se e come la forza magnetica terrestre, etc.: A. Poehettino, XV. 199†
 Secular motion of the earth's mean magnetic axis: L. A. Bauer, XIX. 112†
 Sull' influenza . . . della componente orizzontale del magnetismo terrestre: G. Bellagamba, XIV. 588†
 Sur la construction de nouvelles cartes magnétiques, etc.: de Bernardières, VII. 219†
 Sur la forme analytique de l'attraction magnétique de la terre: V. Carlheim-Gyllensköld, XII. 218†
 Terrestrial magnetism: A. W. Rücker, X. 125†; abstract of Rede lecture on: Id., XI. 522*; paper at German Geog. Congress: A. Schmidt, IX. 652
 Theorie des Erdmagnetismus: W. von Bezold, XI. 104†
 Ueber die Bestimmung . . . allgemeinen Theorie des Erdmagnetismus: H. Fritsche, XI. 104†
 Valeur absolue des éléments magnétiques au 1^{er} janvier 1901: T. Moureaux, XVII. 564†
 Variazione . . . dell' inclinazione magnetica: G. Folgheraiter, IX. 113†
 Vertheilung der erdmagnetischen Potentials, etc.: A. Schmidt, VII. 449†
 Vertical earth-air electric currents: L. A. Bauer, XIV. 588†
 Zusammenhang zwischen den Erscheinungen des Erdmagnetismus: W. Trabert, XIII. 687†
 Magnin, A.: Contributions à la limnologie française. Les Lacs de Jura, III. 435†; see Fournier
 Magnitnaia—Mont Magnitnaia et ses alentours: J. Morozewicz, XIX. 394†
 Magnus, H.: Verkehrswege und Verkehrsrformen in Norwegen, XI. 681†; Zur Siedelungskunde von Norwegen, XIV. 223†
 Magnus, Olaus; och hans framställning af nordens geographie: K. Ahlenius, VII. 568†; und die ältesten Karten der Nordlande: H. A. Schumacher, III. 149§, 257†

MAINWARING

- Magois tribe, E. C. Africa, XVI. 613
 Maguire, C.; work in Nyasaland, V. 214
 ———, H. R.: Panoramas of Nature . . . in S. Queensland, XIX. 237†
 ———, T. M.: Outlines of military geography, XV. 239§, 304; Strategical geography of Europe, I. 468†; XVI. 119†
 Magwamba tribe, S. Africa, II. 224
 Magwangwara tribe, E. Africa, X. 327
 Mag'wekwana river, Zambesi, XV. 64; XVII. 119
 Magyar: see under Hungary
 Mahaba, Madagascar VI. 242
 Mahabodhi or Great Buddhist temple: Sir A. Cunningham, II. 89†
 Mahafali tribe, Madagascar, XV. 535
 Mahaffy, J. P.: About Alexandria, IX. 577†; Empire of the Ptolemies, VII. 332†
 Mahagi: see Mehagi
 Mahakam river, Borneo, XI. 298; XVIII. 87
 Mahan, A. T.: Influence de la puissance maritime sur l'histoire, IX. 345†; Influence of sea power upon French Revolution and Empire, XIII. 461†
 Mahdist power on Upper Nile: A. J. Wauters on, VII. 552
 Mahé, Seychelle Is., VIII. 373
 Mahé de la Bourdonnais: see Bourdonnais
 Mahemasemika ridge, E. Africa, II. 513
 Maheyrun, Persia, VII. 24
 Mahlinga tribe, Mashonaland, XIX. 637
 Mahlos atoll, Maldives, XIX. 292
 Mähly, E.: Studien von Goldküste, VII. 114†
 Mahmoud Gerad, tribe, XI. 31
 Mahratta: see Mogul
 Mahri, tribes, Arabia, VI. 131; language of, XIII. 638
 Mahsud Waziria, IV. 563
 Mahuidas of Patagonia, II. 160
 Maidan plain, Tirah, XII. 342; terraces XII. 347, 349
 Maigre, E.: Notes de voyage, Pondichéry et Cocanada, VIII. 309†
 Maillet, M.: Résumé des observations centralisées par le Service hydrométrique du bassin de la Seine, XIX. 392†
 Mai Mai Kai, Manchuria, II. 450
 Main, W. S.: observations on Great Bank of Newfoundland, VII. 316
 Main, river—Beziehungen zwischen Niederschlag und Abfluss im Maingebiete: M. von Tein, XX. 239†
 Maine—
 Agriculture (Foreign Office Rep.), XIII. 216†
 Contributions to geology: H. Williams and H. Gregory, XVIII. 643†
 Glacial gravels of: G. H. Stone, XVI. 583†
 Mainwaring, H. S.: exploration of Korayo valley in Somaliland, VI. 474: see Christie, R. B.

MAISON

- Maison, E.: Explication de l'étymologie de Londres, XIII. 220 †
- Maistre, C.: A travers l'Afrique central, du Congo au Niger, V. 607 †; VII. 271 §; Explorations in C. Africa, I. 166; Journey from Congo to Shari and Benue, II. 20, 323*; III. 161 †; Note sur la carte itinéraire de l'Oubangui à la Bénoué, VI. 296 †; Région du Bahr-Sara XX. 558 †
- Maitland, A. G.: Geological map of Northampton, W. Australia, XIII. 464 †; of Collie goldfield, XIII. 575; Geological structure of extra-Australian artesian basins, IX. 578 †; Mineral wealth of W. Australia, XVII. 96 †; Notes on Pike-dale goldfield, XI. 204 †; Physical geology of Magnetic I., Queensland, I. 185 †; Reports . . . on water supply of goldfields, XII. 215 †
- Maitre, H.: Geographical results of the explorations of the French "White Fathers" in N.-E. Rhodesia, XX. 324*; Pénétration de la "North-Eastern Rhodesia" par les Missionnaires français, XX. 357 †; Zwei Forschungsreisen der "Weissen Väter" nach Lobemba und Lobisa, XX. 668 †
- und P. Langhans: Original-Karte der Reisen der "Weissen Väter" in Lobemba und Lobisa, XX. 567 †
- Maiye tribe, Zambezi, XVII. 120
- Maize; Botanical and economic study: J. W. Harshberger, III. 256 †; Maize and its uses: R. W. Dunham, XIV. 234 †
- Majewski, J.: For and against influence of moon on life of the earth and its atmosphere, XVIII. 647 †
- Major, C. I. F.: General results of zoological expedition to Madagascar, IX. 681 †
- , R. H.; work for Hakluyt Society, IX. 174; Prince Henry the Navigator, III. 389
- Majorca—
- Cueva del Drach, X. 510; Sous terre; Cueva del Drach: E. A. Martel, XII. 94 †
- Rivages de Majorque: M. G. Vuillier, XX. 240 †
- Sierra de Majorque: G. Vuillier, XV. 661 †
- Majunga: see Mojanga
- Makalanga, tribes, Mashonaland, I. 305; XIX. 637
- Makalla, Hadramut, III. 197; Ein Aufenthalt in: L. Hirsch, X. 648 †
- Makalolo, tribe, I. 302
- Makanda, height and position, IV. 436
- Makanjira, Conquest of, V. 201
- Makanna, altitude, X. 393, 397
- Makarov, S.: Expedition to N. Siberian Sea, X. 219; Hydrographie der Formosa-Strasse, IV. 85 †; Letters to F. Nansen, II. 554; Medal awarded to,

MALAB

- VIII. 407; Oceanographic work, I. 554; on Polar exploration by means of ice-breakers, XII. 420; On some oceanographic problems, XVI. 589 †; prize from St. Petersburg Academy of Sciences, III. 64; *Vitiav* et l'Océan Pacifique, IX. 582 †; *Yermak* ice-breaker, XV. 32*; XVI. 260 †
- Maka Rud, VIII. 511
- Makassar: see Macassar.
- Makata plain, Ger. E. Africa: see Wumi.
- Makejima I., Luchu Is., V. 291
- Makran, X. 584; early history, IX. 418; ethnology, VII. 669; meaning of name, VII. 669; origin of name, XIX. 125; surveys, XIV. 313; topography, VII. 670
- Alexander the Great's route through, IV. 360
- Antiquities, etc., of Las Bela and: Sir T. H. Holdich, V. 280 †
- History and ethnography of: Sir T. H. Holdich on, II. 153
- Identification of ancient places, VI. 263
- Letters—Lord Curzon, VII. 557; M. R. Haig, VII. 668; VIII. 524; Sir T. H. Holdich, VIII. 408; G. P. Tate, X. 221
- Notes on ancient and mediæval Makran: Sir T. H. Holdich, VII. 387*, 677 †
- Triangulation in, by T. E. M. Claudius, II. 153
- Makua hills, E. Africa, XV. 619
- Makua Settlement in Madagascar, VI. 240
- Makwera's village, E. Africa, II. 409
- Malabar—
- Moplas of: F. Fawcett, IX. 648 †
- Nayadis of, XVIII. 106 †
- Nâyars of, Madras Government Museum: F. Fawcett, XIX. 396 †
- Notes on some of the people of, XVI. 247 †
- Reich Malabar nach Chao Ju-Kua: F. Hirth, VI. 486
- Rivers of Malabar and Coromandel coasts, XIV. 409
- Sea-fisheries of Malabar and S. Kanara, E. Thurston, XVII. 447 †
- Malaga and district, Trade (Foreign Office Rep.), XVI. 245 †
- Malacca, history of, III. 281
- Commissien van C. J. Wolterbeek naar Malakka: P. H. van der Kemp, XV. 549 †
- Sprachen der Sakei und Semang auf Malacca: P. W. Schmidt, XVIII. 326 †
- Malagazai river, Fonck's explorations, IX. 561
- Malagasy: see Madagascar
- Malakand Field Force, Operations of: H. F. Walters, XVI. 697 †
- Mälär, Lake—
- Några anteckningar om Mälaren och dess Vattenstånd: G. Nerman, XII. 202 †

MÄLAR**Mälar—continued.**

Några hydrografiska iakttagelser i Mälaren: H. Witt och G. Lundell, IX. 234 †

Temperaturobservationer i Mälaren, etc.: A. Hamberg, VIII. 528 †

Malaria—

Apparition simultanée des moustiques du genre *Anopheles* et des premiers cas de paludisme dans la région de Constantinople: M. A. Billet, XIX. 410 †

Distribution in Ganges delta: L. Rogers' investigations, XVIII. 308

Etiologie, le diagnostic . . . de la Malaria: A. Poskin, XVI. 591 †

Experiments in Campagna, XVII. 545 †

Investigations in Bengal; Stephens and Christophers, XIX. 753

Malaria and acclimatisation: H. M. Clark, II. 283 †

— and its prevention: R. Fielding-Ould, XVIII. 115 †; S. N. Macgregor, XIX. 112 †

— Committee of Royal Society, Reports: Stephens, etc., † XVIII. 115, 344; XX. 252

— d'après les dernières recherches des Italiens: A. Broden, XVI. 134 †

Mosquitos and malaria: R. Ross, XVII. 457 †; XIX. 662 †

Native as prime agent in malarial infection of Europeans: S. P. Christophers and J. W. W. Stephens, XVII. 457 †, 538 §

Paludisme, sa prophylaxie: Dr. Le Dantec, XIX. 112 †

Paludismo senza malaria: B. Grassi, XIX. 242 †

Paludismul die punct de vedere geografic: J. Stefănescu, XVI. 375 †

Treatment of malaria and blackwater fever: W. H. Crosse, XIV. 125 †

Ulteriori ricerche sulla malaria: B. Grassi, A. Bignami e G. Bastianelli, XIV. 347 †

Malaspina glacier, Alaska, XII. 561; XV. 537; I. C. Russell, III. 533 †

Malatia, plain of, VIII. 325; old town, VIII. 327

Malavialle, L.: Carte de l'Inde d'après Pomponius Mela, XVI. 365 †; Coup-d'œil sur l'histoire de la ville et du port de Cette, III. 344 †; Littoral du Bas Languedoc, V. 504 †; VI. 96 †; Partage politique de l'Afrique, I. 280 †

Malay Archipelago—

Aus den Asiatischen Tropen: G. Radde, IX. 237 †

Aus Insulinde; Malayische Reisebriefe: E. Haecckel, XIX. 654 †; XX. 442 §

Baree language: A. C. Kruyt, IV. 281 †

Compte rendu d'un voyage scientifique: C. Pietet and M. Bedot, II. 563 †

Documenten betreffende de ontdekkingsstochten van Adriaan Dortsman, etc.: J. E. Heeres, IX. 237 †

MALAY PENINSULA**Malay Archipelago—continued.**

Doif-eilanden: A. Wichmann, XVI. 366 †; Nog eens de Doif-eilanden: A. Wichmann, XVIII. 107 †

Explorations in reign of Victoria to 1897, IX. 601

Geographisch Onderzoek van den N. I. Archipel: C. Kan, VIII. 416 †

Geologic structure of: B. Koto, XIV. 580 †; XV. 60 §

Glimpses of the Eastern Archipelago, V. 181 †

Het Burusch van Masarète: H. Hendriks, IX. 576 †

Het Possomeer: J. F. Hoekstra, IX. 237 †

Indonesien: A. Bastian, IV. 376 †

Malay Archipelago: H. C. Everill, IV. 376 †

Malayische Archipel im Lichte des Zeitalters der Entdeckungen: P. Bergemann, II. 278 †

Maritiem onderzoek van den . . . Archipel: C. Kan, VI. 486 †

Onderafdeeling Klein Mandailing, Oeloe Pahantan, etc.: H. Ris, VIII. 416 †

Revised Supplement 1898, Sailing Directions, XIII. 320 †

Seven years in: H. Römcke, III. 160 †

Siboga, Cruise and deep-sea exploration, XIII. 57; XV. 287; XVI. 111, 697 †;

Siboga Expedition, XVI. 366 †; XVII. 447 †; *Siboga*-Expedition zur Untersuchung der marinen Fauna und Flora des Indischen Archipels und einige Resultate: M. Weber, XVII. 447 †; Results, XVI. 549 *

Smaragdinseln der Südsee: A. Pflüger, XIX. 525 †; XX. 442 §

Ten Kate, H.; travels, V. 163

Todjo, Posso, Saouson et Mooeton: A. M. d'Estrey, VIII. 91 †

With the Dutch in the East: W. Cool, IX. 575 †; X. 98 §

Malay Peninsula and States—Commercial

progress, VIII. 450; explorations, XI. 465; (W. W. Skeat's), XVI. 345; forests, IX. 4; history, IV. 219; natives, XI. 490; rainfall, IX. 5; survey, III. 283; unexplored areas, II. 493

Boats and boat-building in Malay Pen.: H. Warington Smyth, XX. 243 †

British rule in Malaya, discussion: F. A. Swettenham, VIII. 92 †

Cambridge Exploring Expedition: W. W. Skeat, XVII. 674 †; XX. 244 †

Camping and tramping in Malaya: A. B. Rathbone, XII. 629 †

Descriptive dictionary of British Malaya: N. B. Denny, IV. 85 †

Flora of Malay Pen.: Sir G. King, † X. 550; XII. 432; XVII. 89

Forest administration, Report on present system: H. C. Hill, XVII. 674 †

MALAY PENINSULA

Malay Peninsula and States—continued.

- Gold-workings, Chinese, VI. 299
 Journey through States of Trengganu and Kelantan: H. Clifford, IX. 1*
 Life in Malay Pen.: H. Clifford, XIV. 580†
 Malay magic: W. W. Skeat, XV. 436†
 — sketches: F. A. Swettenham, VII. 830†
 Malaio-Polynesische Forschungen: R. Brandstetter, VII. 222†
 Map of Malay Pen. (Straits branch of Royal Asiatic Society), XIII. 223†
 Paard onder de Volken van het Maleische ras: J. Veth, V. 88†
 Perak Museum Notes: G. A. Boulenger and L. Wray, XII. 97†
 Photographs: H. M. Becker, V. 129; Sakai natives: G. C. Morant, VIII. 540
 Races Malaiques et Americaines: E. T. Hamy, IX. 583†
 Real Malay, The: Sir F. A. Swettenham, XV. 436†
 Report on Federated States, XI. 178, 452†; XIII. 679†; XIV. 581†, 662; XV. 192†; XVIII. 326†, 638†; XX. 556†
 Siamese Malay States: N. Annandale, XVI. 698†
 Snakes, Crocodiles, etc., List of a collection of: F. P. Laidlaw; with appendix on place-names: W. W. Skeat, XX. 243†
 Trans-peninsular railway, V. 605†
 Wild tribes of Malay Pen.: W. W. Skeat, XX. 556†
 Malayan sub-region of geography of mammals, VIII. 380, 384
 Malcolm and Wellby, Journey across Tibet, IX. 215; *see* Wellby
 —, N.: On service in Uganda Protectorate, XV. 194†
Maldivé Is.—
 Botany of: J. C. Willis and J. S. Gardiner, XIX. 653†
 Die 1400 Malediven Inseln: C. W. Rossett, IX. 103†
 Expedition to: A. Agassiz, XIX. 480*; XX. 8, 123†, 243†
 Fauna and geography of Maldivé and Laccadive archipelagoes: J. S. Gardiner, XIX. 396†; XX. 353†, 667†
 Formation of: J. S. Gardiner, XIX. 277*
 Gardiner's visit to Maldivé and Minikoi Is., XVII. 526
 Natives of the Maldives: J. S. Gardiner, XVIII. 549†
 Maldonado, F.; descent of Mayu-tata, XVIII. 146
 —, R.: Exploracion Hidrografica de la Costa de Chiloe, IX. 241†; Estudios geograficos . . . sobre Chiloe, X. 122†
 Male Is., N. and S., Maldivé Is., XIX. 482

MAMMALS

- Maler, F.: biography, IX. 468†; Yukatekische Forschungen, VII. 115†
 Malglavie: La pénétration au Laos, VIII. 91†
 Malham dry river-bed: T. Tate, VIII. 649†; X. 535§
 Mali tribe, VIII. 225
 Mallat, J.: Serbie contemporaine, XX. 121†
 Mallee district, Victoria; irrigation, XI. 671
 Malleson, V.: Excursion to Mongolia, XI. 195†
 Mallet, F. R.: Some early allusions to Barren I.; Bibliography, VI. 96†
 Malleterre, G., et P. Legendre: Atlas colonial, XX. 134†
 Mallins, C. A.: Il valore metrico del Grado di Meridiano secondo i Geografi Arabi, I. 89†
 Maloney; remarks on "To Bangweolo," etc., I. 120
 Malotet, A.: Cambresis, XVI. 570†; De la Scarpe à l'Escaut: Ostrevant, XIX. 227†; Flandre française, III. 528†; IV. 84†
Malta—
 Copy of Despatch addressed to Secretary of State for Colonies: Sir A. L. Fremantle, XIV. 676†
 Great siege of: W. Bedford, XI. 566†
 Malta and Maltese race: W. Bedford, VII. 439†
 Maltagruppe: O. Lenz, VII. 328†
 Maltese colony in Jerba, XI. 581
 Renaissance architecture in: A. S. Flower, XI. 192†
 Reports (Colonial), XV. 434†; XVII. 85†
 Voice from: M. A. M. Mizzi, IX. 677†
 Malteinalth—Touren im Bereiche des Malteinalthes: F. Kordon, VII. 107†
 Maluran river and villages, X. 586
 Malvern and Abberley Hills; geological structure of: T. Groom, XV. 548†; Southern Malverns, Geological structure: T. T. Groom, XIV. 332†
 Malvette, Monographie de la Commune de: Louvel, IX. 335†
 Malvi Lyakhov I., fossil trees in, III. 410
 Malzeville, La colline de: Bleicher, XV. 546†
 Mamaidi, Nigeria, XIV. 181
 Mamakul pass, C. Asia, XVI. 514
 Mamba mt., IV. 129
 Mambare river, New Guinea, IX. 449; Ascent of, and Mambare massacre, Reports: Sir W. Macgregor, XI. 319†
 Mambere, branch of Sanga, XIX. 756
 Mambesa height, XI. 628
Mammals—
 Distribution of: Local Temperature control of: G. S. Miller, XIII. 219†
 Geographical History of: R. Lydekker, VIII. 425†; X. 99§
 Geography of: W. L. Schater, III. 95*;

MAMMALS**Mammals—continued.**

- VII. 568 †; XIV. 123 †; Australian Region, IV. 35 †; Ethiopian, VII. 284 †, 435; Neartic, IX. 67 †; Neotropical, V. 471 †; Oriental, VIII. 378 †; Palearctic, X. 84 †; XI. 105 †
- Marine mammals, P. L. Selater on, X. 219
- Neotropical extinct mammals, V. 481
- Mammoth Cave, Cartographie de: E. Call, XI. 98 †
- Mammoth remains in Alaska, IV. 252; in N. Siberia, III. 409; V. 374; Expedition for: M. Hertz, XIX. 215
- Manore river, Amazons, XVII. 374
- Mampukushu tribe, Zambezi, XVII. 120
- Man, Hon. E. A.: Nansen Polar expedition, IX. 110 †
- , E. H.: Notes on Nicobarese, XI. 312 †
- Man: see Anthropology
- Managua lake, Nicaragua, XIX. 320
- Manasarowar lake, XV. 262, 395; letter from G. Kendall-Channer on, XV. 75; Rakas-Tal und: H. Singer, XVI. 576 †
- Mancala, National game of Africa: S. Culin, VIII. 353, 355; X. 649 †
- Manchester—
- Appointment of A. J. Herbertson as lecturer of geography at, IV. 171
- Cyclist's road map of district: Bartholomew, XVIII. 345 †
- Early importance of, X. 527
- Food Supply of: W. E. Bear, X. 454 †; XI. 89 †
- Geography at, H. Y. Oldham's report, II. 28
- Museum, Owens College, report, XII. 642 †
- Plan of: J. Bartholomew, † VIII. 198; XIII. 222; XVIII. 557
- Popular geography in: J. H. Reed, VIII. 521
- Some notes on its development: F. P. Oakley, XVII. 446 †
- Thirlmere works for water-supply of: G. H. Hill, IX. 337 †
- Ship Canal: Lord Egerton of Tatton, III. 157 †; H. Y. Oldham, III. 485 †; W. B. Tracy, X. 548 †; Sir E. L. Williams and others, XII. 203 †; Economic results: A. W. Fletcher, XV. 435 †; Progress, I. 544
- Manchu people, IV. 538

Manchuria—

- Agreement between China and Russia respecting, XVII. 189
- Chinese Viceroyalty of: W. Gowan, VI. 195 †
- Climate, IX. 558
- Commercial relations with: A. R. Agassiz, IV. 534 †
- Description de la Mandchourie: D. Pozdneeff (anal. A. Raffalovich), XI. 567 †

MANDEVILLE**Manchuria—continued.**

- Description of: D. Pozdneeff, X. 339 †; XI. 311 †
- E. Manchuria: Svinyagin, XI. 311 †
- Explorations—E. von Cholnoky's, XI. 547; XIII. 431; Journey through C. Manchuria: J. A. Wylie, II. 443 †; Notes of tour in "No Man's Land;" R. T. Turley, XIV. 292 †; Russian, XI. 63; (Anert and Komaroff), IX. 557; (Manchurian Expedition: V. L. Komaroff), XII. 540 †
- Future of: F. E. Younghusband, XI. 567 †
- Gelbrussland: H. von Samson-Himmelstjerna, XX. 466 †
- Manchuria: J. Ross, VI. 294 †
- in transformation: A. R. Colquhoun, XVIII. 635 †
- Mandchourie et Sibirie orientale: A. Launay, VII. 213 †
- grenier de l'Amour: J. Servigny, XVII. 208 †
- Mandschurei: Immanuel, XX. 242 †
- Maps—Borodovsky, X. 126 †; XIX. 115 †; R. T. Turley's letter from Lieut.-Col. Browne on, XV. 654; Turley's reply, XVII. 658; Railways, etc. ("Pravistvenny Vestnik"), XVII. 221 †; Russian map, X. 659
- Observations météorologiques: M. Venukoff, X. 648 †
- People, resources and recent history: A. Hosie, XVIII. 105 †, 166 §
- Photographs: D. Smith, XII. 224
- Railways, rivers, and strategic towns, XVI. 576 †
- Real Siberia, together with account of a dash through Manchuria: J. F. Fraser, XX. 244 †
- Réglement des affaires mandchouriennes: H. Bidou, XX. 242 †
- Russian campaign in: H. H. Dowding, XVIII. 635 †
- Russia's sphere of influence; or, A thousand years of Manchuria: E. H. Parker, XVI. 122 †
- Russische Pachtgebiet in der südlichen Mandschurei: E. Bretschneider, XVII. 548 †
- Trade routes: J. Ross, XVIII. 454 †
- Wert der Mandschurei für Russland: W. Stavenhagen, XIX. 524 †
- Manchurian subregion of Palearctic Region, X. 89
- Mancini, Padre; journeys in Bolivia, XVIII. 149
- Mandalay à Hué, De: Mme. I. Massieu, XIII. 90 †; Letters from: J. A. Colbeck, V. 586 †; Railway from, to Kunlon ferry, VII. 588
- Mandarin's road, Annam, II. 104
- Mandet-Grancey, Baron de: Souvenirs de la Côte d'Afrique, I. 182 †
- Mandelia, plain of, IX. 50
- Mandeville, G: L'Algérie méridionale et

MANDEVILLE

- le Touat, XI. 569 †; La frontière marocaine et Figuig, XII. 98 †; Les troubles à la frontière marocaine, XII. 98 †
- Mandeville, G., et V. Demontes: *Études de démographie algérienne*, XVII. 90 †
- , Sir J.: *see* Maundeville
- Manen, Léopold (biography): G. Héraud, XIV. 346 †
- Manès, J.: A la mémoire de Jacques Gebelin, XIII. 687 †; Les vingt-cinq années de la société de géographie commerciale de Bordeaux, XVI. 259 †
- Manfredi, P.: *Nuova Carta della regione ad Oriente del Mar Morto*, XIV. 116 †
- Mango Guyor peak, I. 370
- Mangrove coasts, growth of forelands of sand on, XI. 646; swamps, description, VI. 206; timber on Tara, IV. 98
- Mangtza Cho, lake, Tibet, I. 386; XVI. 142
- Mangues or Chorotegas, Costa Rica, X. 83
- Mangúni race: *see* Vátua
- Manais lake and district, Mysia, IX. 159
- Manika, S. Africa, I. 299; rock-painting, XI. 669
- Ancient gem-workings in: A. V. Williams' visits to, XIX. 372
- Carta da Região Mineira de Manica: d'Andrade, XVIII. 653 †
- Journeys in: F. C. Selous, I. 304; Notes on Map, V. 46
- Plan of Manika: W. Wybergh, T. Bayne, and R. S. Fourbridge, II. 383 †
- Territorio de Manica e Sofala, J. Machado, VII. 443 †
- Trip to Manika Land: E. Farnam, IX. 577 †
- Manila—
- Manilla under the Americans: C. B. Simonds, XIV. 581 †
- Observations de, XX. 124 †
- Observatory: J. Algué, XVII. 209 †; Bauiques ó Tifones de 1894: J. Algué, VII. 213 †
- Stimmungsbilder aus Manila: F. von Sonnenburg, XIV. 581 †
- Manimani district, C. Africa, XIV. 136
- Manipur—My experiences in: Sir F. Johnstone, VII. 329 †; Surveys, VI. 29
- Manitoba—
- Early days in Winnipeg: G. Bryce, IV. 378 †
- Forgotten Northern fortress: Hon. J. Schultz, IV. 378 †
- Information as to resources of Manitoba and N.W. Territories, XI. 455 †
- Lakes, XX. 454
- Old Crow-Wing trail: Hon. J. Schultz, IV. 378 †
- People and Industries: A. O. Legge, II. 91 †
- Report on N.W. Manitoba, etc.: J. B. Tyrrel, III. 253 †
- Topographical work in Manitoba and N.W. Territories, X. 628

MAPIA

- Manitoba—*continued*.
- To Manitoba and back: S. Marriott, IX. 107 †
- Worthies of Old Red River: G. Bryce, IX. 107 †
- Manuales river, Patagonia, XVI. 201
- Manja tribe, E. Africa, II. 325
- Mankind: *see* Anthropology
- Manley, J. J., and R. T. Günther: On Waters of Salt-Lake of Urmi, XVI. 123 †
- Mann, C. R.: Kreuz und quer durch Brasilien, XVII. 324 †
- Mannagetta, G. R. Beck von: *see* Beck von Mannagetta
- Manning, G. E.: Explorations in New Zealand Alps, I. 34
- Mansergh, J.: Bringing of water to Birmingham, XV. 57 §, 190 †
- Mansfeld—Historischen Karte der beiden Mansfelder Kreise: H. Grossler, IX. 232 †; Nachweis diluvialer Brackwasseransammlungen im Gebiete der heutigen Mansfelder Seen: E. Wüst, XX. 239 †
- Manson, M.: Brief history of road conditions and legislation in California, XX. 358 †; Evolution of climates, XV. 198 †
- , P.: remarks on "Acclimatization of Europeans in tropical lands," XII. 599
- Mantequeira, Serra da, Brazil, XVII. 358
- Mantsinsaari, Litorinae auf der Insel: J. Ailis, XV. 547 †
- Mantzu: *see* Miao-tze
- Manu, discovery of: R. Aguilar on, X. 443
- Manuel, King of Portugal: expedition to S. America sent by, IX. 194
- Manuel de l'Explorateur, XVII. 566 †; du Voyageur au Congo, XVII. 553 †
- Manujan, Baluchistan, XIX. 130
- Manúmbu, Madagascar, VI. 247
- Manúgnárivu river, Madagascar, VI. 233
- Manuscrip géographique du XVIII^e siècle: L. Quarre-Reybourbon, XIX. 533 †
- Manwaing, Burma, XIX. 272
- Manyala, E. Africa, VII. 410
- Manyanga, tribe, V. 427
- Manyara, lake, E. Africa, IV. 247; VI. 275; Johannes' visit to, XIII. 70
- Manyema, tribe, V. 427
- telegraph line, XIX. 89
- Manyole, E. Africa, VIII. 285
- Manzi, A.: Quello che ho veduto al Parà, XIV. 684 †
- Maori names in New Zealand: J. S. Rutherford's suggestion for retention of, II. 172
- occupation of Chatham Is., II. 271
- origins: E. Best, XIX. 777 †
- Maorian subregion of geography of mammals, IV. 47
- Mapenna, altitude, X. 393, 397
- Maperi valley and river, Bolivia, XIV. 16
- Mapia Is.—Les îles Mapia, XVI. 373 †;

MAPLES

- Mapia- oder Bunai-Inseln: A. Wichmann, XVI. 127 †
- Maples, Bishop C.: Journals and papers of: E. Maples, XV. 193 †; obituary, VI. 481; Map of routes from Rovuma to Chitesi's on lake Nyasa, I. 70; remarks on "Three years' travel in Congo Free State," V. 444 †; Sketch of his life, etc., XI. 323 †
- Mappæmundi: *see* Cartography, ancient
- Mappillas (Morphlans) der Malabarküste: E. Schmidt, XI. 312 †
- Maps—**
- Ancient: *see under* Cartography, and World
- Cartes météorologiques: R. de Saussure, XII. 638 †
- Catalogus der Land- en Zeekaarten aan Instituut . . . Ned.-Indië, XII. 642 †
- Construction of: A. Bludau, I. 91 †; XIV. 543
- Dating of; resolution passed by Congress, VIII. 294
- Earthquake maps, X. 532
- Educational—"Diagram" series of geographical lantern map slides: B. B. Dickinson and A. W. Andrews, XIII. 692 †; XIV. 672; XVI. 709 †; XVII. 102 †; Large-scale maps as geographical illustrations: W. M. Davis, VIII. 536 †; X. 556 †; Lecture to teachers on use of maps: A. W. Andrews, XIX. 383; Local maps in American schools, W. M. Davis on, VII. 665; Relief maps: *see below s.v.*; in Rhode I. schools, VIII. 179; Ueber Geländedarstellung auf Schulkarten: K. Peucker, III. 164 †; Use of maps in teaching geography: A. W. Andrews, XIX. 241 †
- Entwerfen von Kartenskizzen: Rittau, XI. 325 †
- Foreign topographic maps: Sir J. Farquharson, XVI. 129 †
- Guide to recent large-scale maps, etc.: A. Knox, XIV. 237 †
- Intelligenza della carte geografiche e topografiche é indispensabile per un buono insegnamento di geografia: P. Sensini, XVIII. 239 †
- Map-drawing: *see* Cartography
- Mapping for explorers, Hints on Reconnaissance, I. 472 †
- of plant associations: A. J. Herbertson, X. 653 †
- Map-reading—Einiges über Kartenlesen: Obermair, XVI. 256 †; L'art de lire des cartes géographiques: A. de Lapparent, VII. 683 †; VIII. 77 §; Map reading and the elements of field sketching: W. Verner, II. 189 †; Portable map reader for field service: D. G. Prinsep, XV. 87 †
- Modern requirements in map-making, XX. 417
- Natural scale, XIV. 543

MARANS

Maps—continued.

- Neues Verfahren um Landkarten . . . zu präparieren: M. Bräss, XVII. 98 †
- Note sur quelques acquisitions récentes de la Section des Cartes, etc.: G. Marcel, XI. 459 †
- Progressi . . . dalla Cartografia nei vari Stati di Europa, etc.: A. Botto, I. 89 †
- Philosophy of map-making: J. G. Bartholomew, XIX. 660 †
- Population maps, VIII. 520; XIV. 543; Bevölkerungsstatistische Grundkarten: A. Hettner, XVI. 129 †
- Projections: *see* Cartography
- Randteckninger i gamla handskrifter af Datis La Sfera: A. E. Norden-skiöld, XVI. 132 †
- Réduction des cartes topographiques à la même échelle: Venukoff, VII. 447 †
- Relief maps—Anfertigung von Reliefs in der Schule und für die Schule: M. Ebeling, XIX. 241 †; Geographical relief maps: C. Mindeleff, XVII. 214 †; invention of, VI. 369; Nature study, realistic geography: G. H. Morrell, XX. 368 †; Practice maps of Europe, etc.: L. R. Klemm, V. 96 †; Reliefs Perron: A. de Claparède, XVI. 703 †
- Size and scale, Discussion on: M. H. Winchell and A. Winslow, I. 472 †
- Sökaart Archivets Antika Kaartsamling, VII. 119 †
- Stevenson, R. L., on maps, V. 83
- Uses of maps, XI. 7; Uses and construction: G. J. Morrison, XVIII. 528 §, 646 †
- Ueber die Wahl der Projektionen für die Länderkarten, etc.: A. Bludau, VII. 117 †
- Value of maps in boundary disputes: P. L. Phillips, XII. 642 †
- Maquet: L'Engadine, le massif de la Bernina, IV. 224 †; Haute-Engadine, XIII. 211 †
- Mar, Serra do, Brazil, XVII. 358
- Marabasstad, S. Africa, II. 222; Output of goldfield, II. 229
- Maragha, Persia, VI. 453; Marble quarries, XIV. 517
- Marajo Insel, Forschungsreise nach der: F. Katzer, XI. 455 †; XII. 101 †
- Maraki I., Gilbert Is., VI. 326
- Maralilen well, Kalahari, I. 330
- Maran prairie, Abyssinia, XV. 101
- Marangu: *see* Marungu
- Maranhão, cable interruptions near, X. 268; Notícias particulares em: C. A. Marques, XII. 327 †; Report on State of (Foreign Office Rep.), XVIII. 335 †
- Marañon river, Amazons, XII. 192; XVII. 379; termination, XVII. 369; Ferrocarril de Paita al Marañon: A. Duval y P. J. de Quartel, XX. 248 †
- Marans, Ville et le Comté de: M. Debureau, A. Etenaud, etc., XIX. 227 †

MARATHA

- Maratha mts. of Ptolemy, IV. 319
 Maravilla, Lago, Patagonia, X. 405; XIV. 256
 Marble Arch cave, Ireland, X. 501
 — cave, Mo., and Wind cave, Dak.:
 L. A. Owen, XI. 97†
 Marbut, C. F.: Geographic development of Crowley's Ridge, VII. 333†; Missouri, X. 457†; Physical features of Missouri, IX. 464†, 665§
 Marcel, G.: A propos de la carte des Chasses, XI. 208†; Carte des Philippines du Père Murillo Velarde, XI. 452†; Choix de Cartes et de Mappemondes de XIV^e et XV^e siècles, VIII. 95†; Comte d'Alsinois, géographe, IV. 471†; Corsaires français au XVI^e siècle dans les Antilles, XX. 561†; Discovery of old geographical documents in Switzerland, XIV. 216; Early maps of Siam, VIII. 174; Mendafia et la découverte des Iles Marquises, XII. 102†; Note sur quelques acquisitions récentes de la Section des Cartes, etc., XI. 459†; Note sur une mission géographique en Suisse, XIV. 235†; Notice sur quelques cartes relatives au Royaume de Siam, VI. 582†; Origines de la carte d'Espagne, XV. 661†; Reproductions de cartes et de globes relatifs à la découverte de l'Amérique, III. 259†; Sur un almanach xylographique à l'usage des Marins Bretons, XVII. 216†; Toscanelli et Christophe Colomb d'après un ouvrage récent, XX. 251†
 Marcelin, C.: La grotte de Magagnosc, XIV. 222†
 Marcet, W.: biography: F. W. Tunnicliffe, XVI. 132†
 March, R.: Die kleinsten Staaten der Erde, IX. 458†
 March, Quellgebiet der: R. H. France, IX. 676†
 Marchand; expedition, VIII. 177; XI. 170; XII. 524; XIII. 659; A. H. Dyé on positions fixed by, XIX. 505; Route across Africa, XII. 609
 Lettres de la Mission: G. Demanche, XII. 633†
 Marche de la Mission Marchand: A. Montell, XIII. 455†
 Mission Marchand, XIII. 323†
 — au point de vue médical: J. Servigny, XIX. 398†
 — dans de Bahr-el-Ghazal, XIII. 92†
 Retour de Marchand: G. Demanche, XIV. 336†
 Sept ans d'Afrique, VII. 114†
 Transnigérien, le Bandama et le Bagoé, Carte dressée de 1892-95, VIII. 539
 Vers de Nil français avec la Mission Marchand, XIII. 323†
 Marchand et Fabre: La rotation terrestre

MARIN

- et l'orientation des cours d'eau, XVII. 681
 Marche, A.: biography, XIII. 461†
 Marchi, L. de: Trattato di geografia fisica, XX. 563†
 Marchoux: Porto-Novo et ses habitants, VI. 296†
 Marcillac, J. de: Les chemins de fer en Chine, XIV. 457†
 Mäcker: Kizil Irmak, the ancient Halys, III. 327*
 —: see Maereker
 Marcone, A.: L'autorità di M. B. Las Casas nella nascita di Don F. Colombo, VIII. 426†
 Marco Polo: P. Chaix, XVI. 494†; W. Wolkenhauer, XI. 323†; his description of Java and Zipangu, III. 406, 408; Centenaire de: H. Cordier, IX. 468†; Dasht-i-Lut, X. 578; identification of his Cipangu, III. 403*; IV. 270, 276; Influence on Gastaldi's maps of Asia: Baron A. E. Nordenskjöld, XIII. 396*; XIV. 466†; Itinerary through Persia: Sykes on, XVI. 472; journey to Pamirs, VIII. 247; Story of, XII. 640†; Travels of: L. P. Minaet, XX. 242†; Zur Erinnerung an: E. Schäfer, XIV. 235†
 Marcou, J.: biography, XII. 105†; XV. 91†; Jura of Texas, IX. 579†
 Marcus, W.: Oasen und Inseln, XIX. 223§, 239†
 Marcuse, A.: Beiträge zur nautischen Astronomie, XI. 687†; Briquetagegebiet von Vic, Deutsch-Lothringen, XIX. 393†; Erdmessungs-Expedition nach den Hawaiischen Inseln, I. 281†; Hawaiischen Inseln, III. 535†; L'heure nationale, XII. 545†; observations on Mt. Kilauea, I. 274; On periodical changes of latitude, I. 173
 Mowdale Beck, Haweswater, VI. 142
 Mardon, E. J.: Photographs of E. Africa, XVI. 140; of N.W. Asia Mi., XVIII. 350; Trade and administration in Br. E. Africa, XVIII. 108†
 Margerie, E. de: Catalogue des bibliographies géologiques, IX. 687†; Face de la Terre, XI. 440§; Geological bibliography, X. 332
 — et L. Raveneau: La cartographie à l'Exposition Universelle 1900, XVII. 214†, 562†
 — et F. Schrader: Aperçu de la structure géologique des Pyrénées, I. 374†
 Margidunum, Roman town, X. 516
 Margoschis, A.: Tinnevely, XI. 195†
 Marianne Is.—Note de voyage sur les îles Mariannes: A. Marche, XII. 636†; Reise nach den nördlichen Marianen: Fritz, XX. 361†, 458†
 Marib, Der Damm von: E. Glaser, XI. 194†
 Marin, D.: La Suiza Andaluza, IX. 458†

† Bibliographical entry.

§ Review or analysis.

MARINDIN

- Marindin, H. L.: On changes in ocean shore-lines of Nantucket I., V. 284 †; Table of cross-sections on N. shores of Nantucket, etc., XII. 214 †
- Marine deposits, fauna, etc.: *see under Oceanography and special heads*
- Marinel, P. le: Explorations in Congo basin, I. 224; on Mobangi, V. 81; Région du Haut-Ubangi ou Ubangi-Dua, I. 469 †
- Marinelli, G.: Accrescimento del delta de Po, XI. 681 †; XII. 187 §; Accroissement du Delta du Po au XIX^e siècle, XIX. 522 †; biography, XVI. 259 †, 495 †; Carnia in generale, XII. 425 †; Cristoforo Negri, X. 343 †; Se e come l'Università italiana possa provvedere . . . Geografia per le scuole secondarie, X. 345 †; Sulla linea di divisione da adottarsi nell' insegnamento, tra le Alpi e gli Appennini, I. 179 †
- , O.: Aggiunte e correzioni al Catalogo dei laghi italiani, XI. 192 †; XVII. 207 †; Aggruppamenti principali dei laghi italiani, V. 86 †; Alcune notizie sopra il lago di Pergusa, IX. 574 †; Alcune questioni relative al moderno indirizzo della geografia, XX. 473 †; Area dell' Italia naturale, X. 339 †; Breve contributo allo studio delle Brezze di Monte, X. 342 †; Conetto e Limiti della Geografia, IV. 474 †; Conche lacustri dovute a suberosioni nei gessi in Sicilia, XVI. 362 †; Dati Morfometrici sul Lago di Onega, XI. 193 †; Di alcune Scritti morfologiche di C. Gemmellaro, XVII. 215 †; Distribuzione della popolazione della Sicilia, II. 457; X. 452 †; Esempio di monografie locale, XVII. 564 †; Excursione ai laghi Laziali; Temperatura del lago di Como, VIII. 307 †; Fenomeni analoghi a quelle carsici nei gessi della Sicilia, XVIII. 227 †; Fenomeni Carsici, XI. 307 †; Geografia e la Carta agronomica d'Italia, XVIII. 321 †; on geographical and geological terminology, XVI. 113; Idee morfologiche di Carlo Gemmellaro, XVI. 257 †; Intorno alla origine della profonda . . . nel porto di Malamocco, VIII. 648 †; Media altezza dell' Isola di Madagascar, X. 551 †; Primi materiali per la storia della cartografia marchigiana, XVI. 572 †; Spostamento della foce del Simeto, XIV. 331 †; Studi orografici nelle Alpi orientali, XIV. 109 †; XVII. 442 †; Studi sul Lago di Cavazzo in Friuli, IV. 84 †; Studio delle sesse nei laghi italiani, XIX. 522 †; Sulla . . . nomenclatura dei laghi, X. 342 †; Superficie geologiche e superficie geografiche, XVI. 260 †; Termini geografici dialettali raccolti in Sicilia, XV. 434 †; Do. in Cadore, XVIII. 103 †; Volumetria dell' Isola d'Elba, IV. 185 †

MARKHAM

- Marinitsch, J.: La Kačna-Jama, X. 546 †
- Marinus of Tyre, journey across Pamirs, VIII. 239
- Marion Is.—Notice sur les îles Marion et Crozet: G. Sébille, XX. 123 †
- Mariong valley, C. Asia, VIII. 35; XIII. 628; XVI. 508
- Marischal: Japan pittoresque, XIII. 531 †
- Marisi el Lugwa Zambo plateau, E. Africa, I. 534
- Markarpljot river, Iceland, XIII. 487
- Markham, A. H., and Canadian Government, concerning paper on Hudson's Bay, VIII. 179; Arctic exploration, VIII. 423 †; XIII. 567 †; observation on Franz Josef Land, VI. 503; Remarks on "Antarctic voyage of *Belgica*," XVIII. 393; on "Jackson-Harmsworth Polar expedition," VI. 521; VIII. 564
- Markham, Sir C. R.—**
Addresses—
Anniversary, opening, etc., R.G.S., IV. 1, 574; VI. 1; VI. 497; VIII. 1, 90, 186, 535, 541; IX. 589; X. 565; XII. 1; XIII. 1; XIV. 1, 107, 593; XVI. 1, 597; XVIII. 561; XX. 1, 113, 573
Accession of Edward VII., XVII. 250 *
Commemoration of Queen Victoria, XVII. 225 *
Franklin Commemoration meeting, VI. 33
Jubilee of Hakluyt Society, IX. 169
Amazon, List of tribes in valley of, V. 609 †
America—H. Yule Oldham's theory of discovery in 1447, V. 239; American cliff dwellers, III. 46 §; Adm. Brine's "Amongst American Indians," V. 158 §; Stanford's Compendium of Geography and Travel, C. and S. America, XVIII. 167 §, 337 †; Geographical Aspects of Inca Civilization, XX. 248 †; Las posiciones geograficas de las tribus que formaban el Imperio de los Incas con un "Apendice" sobre el nombre Aymara, XX. 198 †
Antarctic expedition, VI. 394 †; XVIII. 339 †; Antarctic expeditions, XIV. 473 *; Aufgaben der geplanten Südpolar Expeditionen, XVI. 128 †; *Discovery* and relief ship, XIX. 435 *; Need for an Antarctic expedition, VI. 585 †; Address to R.G.S., XVIII. 1 *, 339 †; Remarks at Antarctic conference, X. 374; at Royal Society's Antarctic meeting, XI. 421; on Antarctic expedition, VII. 325; XIV. 193; Argentine Government's grant for magnetic research in Antarctic, XVII. 670; Launch of *Discovery*, XVII. 523; her progress, XIX. 102; Longstaff's subscription, XIII. 425; Nordenskiöld's expedition, XIX. 764; private Antarctic work, XI. 306;

MARKHAM

Markham, Sir C. R.—*continued.*

- Southern Cross* expedition, XVI. 411, 413
- Arctic problems, XX. 481 *; letter of farewell to F. G. Jackson, IV. 177;
- North Polar problem, IX. 505 *;
- Remarks: Arctic papers, XI. 370;
- Canadian Arctic expedition, XVII. 80;
- Jackson-Harmsworth Polar expedition, IV. 146;
- Nansen meeting, IX. 250;
- Rumours of Nansen's expedition, VII. 436;
- Missing Swedish expedition, III. 433
- Arctic and Antarctic Exploration, VI. 99 +;
- Promotion of further discovery in Arctic and Antarctic regions, X. 124 +
- Cabot: Fourth Centenary of Voyage, IX. 604 *;
- remarks on centenary, VII. 675
- Columbus: Italian monument, IV. 33 *;
- Journal during his first voyage, II. 189 +;
- Life of, I. 90 +
- Discovery by Baron Nordenskjöld that fresh water will be found by boring through Crystalline rock, X. 465 *
- Formation of sand-dunes, IX. 307
- Frere, Sir B.: encomium, V. 466
- Geographical Congress, letter from French Ambassador, VI. 564
- Geography, field of, XI. 1 +;
- Present standpoint of, II. 482 *
- Gibbon as geographer, IV. 561
- Guiana, Br.: Boundaries and evidence of maps, VII. 277, 309 *;
- on British title, VII. 100
- Hakluyt, His Life and Work, 686 +
- Honours, VII. 654; XI. 660; XX. 449;
- (Remarks by Sir G. T. Goldie on), VIII. 80;
- Elected Honorary Member of Geneva Geographical Society, VII. 90;
- Gold medal presented by Peruvian Government, II. 546
- Latin-American Republics; History of Peru, I. 471 +
- Limits between geology and physical geography, II. 519
- Madre de Dios, Recent discoveries on, VII. 187 *
- Obituaries and remarks on—
- Lord Aberdare, V. 392;
- Ainsworth, IX. 101;
- Lord Alcester, V. 497;
- J. Barrow, XIII. 85;
- J. T. Bent, IX. 674;
- Sir E. H. Bunbury, V. 392, 498;
- Lady Burton, VII. 559;
- Capt. V. L. Cameron, III. 433;
- Hon. D. Carnegie, XVII. 82;
- H. Childers, VII. 325;
- Francisco Coello, XII. 533;
- Marquis of Dufferin, XIX. 520;
- E. J. Eyre, XIX. 102;
- Lord Fitzwilliam, XIX. 520;
- Sir W. H. Goodenough, XII. 620;
- Sir W. Lockhart, XV. 544;
- Cristoforo Negri, VII. 437;
- Capt. Parker Snow, V. 500;
- Queen Victoria, XVII. 105;
- Sir H. Rawlinson, V.

MARQUESAS

Markham, Sir C. R.—*continued.*

- 392;
- R. Spruce, III. 245;
- Sir H. Verney, III. 342;
- Gen. Walker, VII. 437;
- Justin Winsor, XI. 77;
- Gen. Woodthorpe, XII. 90
- Peru, III. 534 +
- Pytheas, discoverer of Britain, I. 504 *
- Remarks (*those from the chair on papers read before the R.G.S. are not indexed*)
- Alfred the Great, XIII. 450;
- increase of Fellows, XIII. 85;
- Kumatology, XIII. 628;
- Office of patron of R.G.S., XVII. 670;
- Prince Henry the Navigator, III. 388, 402;
- subscriptions for International Congress, V. 503;
- improvements in premises of R.G.S., V. 84;
- International Geographical Congress, V. 177;
- return of Sir G. Goldie, IX. 572;
- welcoming King of Sweden and Norway, XV. 659
- Rennell and rise of English modern geography, VI. 101 +
- Report on examination on lectures by H. J. Mackinder, V. 165
- Sarmiento; Narratives of voyages, VI. 584 +
- Vasco de Gama, XII. 10 *
- Vespucci, letters of, IV. 472 +
- Wiche's I., memorandum, XIV. 177 *
- Markham mt., Mashonaland, XIII. 380
- Marki, A.: Amerika und die Ungarn, III. 76 +;
- Ungarische Kartographie von einst und jetzt, IX. 676 +
- Markoff, A. V.: Russian Armenia, etc., V. 508 +;
- Towns of N. Mongolia, VII. 440 +;
- Zukünftige Handel Chinas, VII. 440 +
- Markovich, V. V.: In forests of Ichkeria, XII. 206 +
- Marks, A.: Nero's great canal, etc., XVI. 571 +
- Marle, V. J. van: Beschrijving van het Rijk Gowa (Celebes), XX. 466 +
- Marloth, R.: Notes on occurrence of Alpine types in vegetation of higher peaks of S.W. region of the Cape, XIX. 107 +;
- 637 §;
- Scientific results of an excursion to the Hex river mts., VIII. 93 +
- Marmora, Sea of, Hydrography, VI. 81;
- XI. 192 +;
- Pola Deep Sea Explorations, I. 365;
- Russian Exploration, V. 175;
- VIII. 256
- Marmore, Waterfall of: G. Pennesi, III. 529 +
- Marne, Rivière souterraine de Trépail: E. A. Martel, XX. 349 +
- Morocco: *see* Morocco
- Marotseland: *see* Barotseland
- Marques, C. A.: Expedicao de Axuhi, etc., VIII. 192 +;
- Noticias particulares em Maranhão, XII. 327 +
- Marquesas Is.—Reise nach den Marquesas: K. von den Steinen, XIII. 541 §,
- 684 +;
- soundings off, XV. 182;
- Typee

MARQUETTE

- and Omoo, *Narratives of Adventures in*, etc.: H. Melville, II. 566 †
- Marquette iron-bearing district of Michigan: C. R. van Hise, W. S. Bayley, and H. L. Smyth, XI. 571 †
- Marr, J. E.: Development of British scenery, XIV. 333 †; Forms of mountains, VI. 100 †; Limestone-knolls in Craven District, XV. 78 †; Origin of Moels and their subsequent dissection, XVI. 446; XVII. 63*, 676 †; Principles of stratigraphical geology, XIII. 328 †; remarks on "Exploration of some glaciers of Spitsbergen," XII. 157; on "Fragment of geography of England," XV. 375; on "Survey of English lakes," IV. 241; Scientific study of scenery, XV. 302 †; XVI. 112§; Tarns of Lakeland, V. 77, 279 †; (additional notes), VIII. 308 †; Waterways of English Lakeland, VII. 602*; VIII. 308 †
- Marriott, H. P. F.: Secret Tribal Societies of W. Africa, XX. 127 †
- , J. A. R.: Sir W. W. Hunter and his work, XVI. 259 †
- , S.: To Winnipeg, Manitoba, and back, IX. 107 †
- , W.: Hints to meteorological observers, X. 460 †; XX. 250 †; Monthly results of observations made at stations of Royal Meteorological Society, XVII. 319 †; Rainfall in East and West of England in relation to altitude above sea-level, XVII. 319 †; Rainfall of Seathwaite, XI. 663; XII. 203 †
- , Sir W. T.: Situation in Egypt, VI. 296 †
- Mars, Origin of lines of: H. W. Parker, I. 89 †; Mars et la terre: R. Gautier, VII. 224 †
- Marsabit mts., East Africa, VIII. 231; XIX. 216
- Marsa Ugra, IX. 627
- Marsay, Vicomte R. de: L'heure nationale, XII. 545 †
- Marsden, K.: On sledge and horseback to outcast Siberian lepers, I. 376 †
- , M.: Photographs of Alaska and Herschel I., XIX. 788; Photographs of Yukon and Klondike rivers, XX. 136
- , S.: Memoir of life and labours of; ed. by J. B. Marsden, II. 382 †
- Marseilles—
- Bassin de, géographie et géologie: M. Clere, XVIII. 546 †
- Canal from Rhone to, IV. 269
- Cavernes des environs de: E. Fournier, X. 547 †
- Etudes sur Marseille et la Provence, XIV. 222 †
- Extension . . . du massif ancien des Maures: Vasseur et E. Fournier, VII. 439 †
- Marseille port colonial: P. Masson, XV. 188 †; XVI. 360 †

MARTEL

- Marseilles—*continued.*
- Marseille seconde ville de France: V. Turquan, XVII. 544 †
- Port franc à Marseille, etc.: J. Estrine, XVI. 360 †
- Marsh, A. E. W.: Holiday wanderings in Madeira, I. 85 †
- , C. C.: Magnetic observations at U.S. Naval Observatory, IX. 579 †
- , C. D.: Plankton of fresh-water lakes, XV. 672 †
- Marsh lake, Alaska, XII. 23
- Marsh Library Catalogue, VIII. 196 †
- Marshall, W. B.: Useful products of the century plant, XIX. 774 †
- , W. W.: Importance of sea power, etc., XIV. 689 †
- Marshall Is.—
- Beiträge zur Kenntnis der deutschen Schutzgebiete; Dschalut: B. Linne-mann, II. 572 †
- Gesundheitsverhältnisse der Eingeborenen . . . Steinbach und Schwabe, VII. 218 †
- Langhans, P.: note on, II. 554
- Küstenkunde der Marshall- und Carolinen-Inseln, XVII. 560 †
- Marshall-Inseln: A. Kirchhoff, VII. 336 †
- und ihre Bewohner, XIII. 684 †
- Sea charts formerly used in: C. Winkler, XVIII. 645 †
- Stabkarten der Marshall-Insulaner: A. Schück, XX. 128 †
- Marsigli, Un des fondateurs de l'océanographie: J. Thoulet, XI. 323 †
- Marson, L.: Sui ghiacciai del Bernina, XIX. 523 †; Gli Italiani all'estero, XI. 459 †; Sui ghiacciai del Massiccio del M. Disgrazia o Pizzo Bello, X. 451 †; XI. 307 †; Sui ghiacciai italiani del gruppo del Pizzo Bernina, XVI. 483 †
- Marston, A.: Great closed land, IV. 376 †
- , R. B.: Our urgent need of reserve of wheat, XII. 204 †
- Marsupials of Australia, IV. 38; of Neo-tropical region, V. 472, 478
- Marsy, Comte de: Une ascension à Roche-Melon, IX. 348 †
- Marsyas valley, Karia, IX. 51
- Martel, Mme. A.: Traversée du glacier du Jostedal, Norvège, VII. 109 †
- Martel, E. A.: Abîmes du Dauphiné, XII. 91 †; Abîmes, les eaux souterraines, les cavernes, les sources, la spéléologie, IV. 186 †; Aquileja (Autriche), XVII. 443 †; Aven Armand, les Grottes de Ganges, les Gouffres de Sauve, XVI. 243 †; Bibliographie spéléologique, XI. 574 †; British caves and spelæology, X. 500*; XI. 194 †; Dans les cavernes des Causses, XII. 426 †; Exploration de la grotte de Han, XIII. 451 †; Gouffre de Lantouy, VI. 579 †; Grotte de la Balme, XV. 546 †; Grotte de Saint-Marcel

MARTEL

- d'Ardèche, I. 81 †; Irlande et cavernes anglaises, IX. 459 †; Mitchelstown cave, XI. 309 †; Nouvelles observations dans la grotte et la rivière souterraine de Han-sur-Lesse, XIII. 87 †; Padirac, Etude d'hydrologie souterraine, XVI. 360 †; Refuge de Roc de Gorp, VI. 579 †; Résumé de la 10^e compagnie souterraine en France et en Suisse, XI. 447 †; Rivière souterraine de Bramabian, II. 472 †; Sous-sol des Causses, I. 563 †; Sous terre, VII. 221 †; Do., Cueva del Drach à Majorque, XII. 94 †; XIII. 319 †; Spelæological Society founded by, VII. 434; Spéléologie, XII. 639 †; Spéléologie ou Science des cavernes, XVI. 374 †; Spelæology, VIII. 425 †; IX. 113 †; Subterranean explorations in 1899, XV. 427; Subterranean explorations in Dalmatian Alps, IV. 60; Sur de nouvelles constatations dans la rivière souterraine de Padirac, XVI. 484 †; Sur de nouvelles observations dans le gouffre de Padirac, VI. 579 †; Sur la Foiba de Pisino, XII. 321 †; Sur la rivière souterraine de Trepail, XX. 349 †; Sur les nouvelles recherches souterraines en Dévoluy, XV. 188 †; Sur l'hydrographie souterraine . . . du Dévoluy, X. 225 †; Sur quelques anomalies de la température des sources, VII. 449 †; Temperature of caves, III. 522; Uebersichtsskizze der Umgebung von Adelsberg und Planina, III. 257 †; Underground rivers, XIV. 404
- Martel, E. A.: et A. Delebecque: Sur les Sclaelets et Phydrologie souterraine du Vercors, IX. 573 †
- and G. Gaupillat: Causses, III. 344 †; Sous terre, cinquième campagne, III. 157 †; Sur la rivière souterraine du Tindoul de la Vayssière et les sources de Salles-la-Source, I. 81 †
- et A. Vire: Sur les avens de Sauve (Gard), XI. 447 †; Sur l'aven Armand (Lozère), XI. 87 †, 447 †
- Martelli, A.: L'isola di Lagosta, XX. 119 †; Note geologica su Paxos e Antipaxos nelle Isole Ionie, XVII. 207 †; Paxos e Antipaxos nel mare Jonio, XIX. 522 †
- Martens, E. von: Ueber die Abgrenzung zoogeographischer Reiche, XIX. 781 †
- Martens, P.: Süd-Amerika unter besonderer Berücksichtigung Argentinens, XIII. 457 †
- Martens, Y.: Fra det indre af Syd-Amerika, XX. 248 †
- Martin, C.: Karte von Llanquihue und Chiloe, XVII. 330 †
- , D.: Faits nouveaux ou peu connus, relatifs à la période glaciaire, XX. 472 †
- , G. B.: Map of Br. Columbia, VII. 342 †

MARTINIQUE

- Martin, J. R.: En resa i vestra Sibirien utfors år 1891, IV. 376 †
- , K.: Frage nach der Entstehung des ost- und westindischen Archipels, VIII. 425 †; Neue Beobachtungen in den Patagonischen Anden, IV. 283 †; Regen in Südchile, XV. 669 †; XIX. 109 †; Sümpfe und fadis, XV. 669 †; Ueber seine Reise in den Molukken, V. 181 †
- , M. F.: Afrikanische Reise-skizzen, III. 503 §
- , R. P.: A travers le Dahomey, IX. 340 †
- , T. C.: Niagara on tap, IX. 241 †; Utilization of Niagara, X. 122 †, 540; XIII. 565 †
- , W. A.: Cycle of Cathay, or China S. and N., IX. 104 †; Souvenirs de quelques années en Asie Mineure, IX. 680 †
- , W. E.: Internal improvements in Alabama, XX. 358 †
- Martin Behaim: see Behaim
- Martineau, A.: Madagascar en 1894, V. 89 †; VII. 332 †
- , G.: Statistical aspect of sugar question, XIV. 346 †
- , J.: Life and correspondence of Sir Bartle Frere, V. 400 †, 466 §
- Martinez, A. B.: Manual del Viajero; Badeker de la Republica Argentina, XVIII. 553 †
- , B. T.: Etnografia del Rio de la Plata, XV. 85 †
- Martinique**—
- Catastrophe de la : J. de la Peyre, XX. 360 †
- Cendres des éruptions de la Montagne Pelée de 1851 et de 1902 : A. Lacroix, XX. 360 †
- Chemical Discussion of Analyses of Volcanic Ejecta from St. Vincent and : W. F. Hildebrand, XX. 672 †
- Eruption volcanique de la Martinique : L. Gallois, XX. 561 †
- du 8 mai à la Martinique : M. Thierry, XX. 470 †
- Eruptions, XIX. 758; XX. 52, 637; Hovey and Heilprin on, XX. 638; Lacroix, Rollet de l'Isle and Giraud; investigations, XX. 636; Eruptions in Martinique and St. Vincent : H. N. Dickson, XX. 49 *; Papers on, XX. 431; Visit to Mont Pelée and preliminary report on eruptions in St. Vincent : T. Anderson and J. S. Flett, XX. 561 †
- Field notes of a geologist in Martinique and St. Vincent : T. A. Jaggar, XX. 470 †
- Katastrophe auf Martinique : F. Umlauf, XX. 470 †
- Maps—Carte générale de la Martinique : M. J. Epoi, XX. 475 †; Nach der

MARTINIQUE

Martinique—continued.

- offiziellen französischen Karte (Petermanns Geo. Mitt.), XX. 254 †
 Martinique und sein Vulkanismus: E. Deckert, XX. 561 †
 National Geographic Society's expedition, XX. 342
 Notice sur la : G. Landes, XVII. 94 †
 Photographs of St. Vincent and Martinique taken before and after eruptions: E. André and F. Morin, XX. 256
 Roches rejetées par l'éruption actuelle de la montagne Pelée: A. Lacroix, XX. 561 †
 ——— volcaniques de la: A. Lacroix, XX. 360 †
 Trade (Foreign Office Rep.), XVI. 585 †
 Volcanic rocks of Martinique and St. Vincent: J. S. Diller, XX. 671 †
 Martins, A. de: Sulla relazione di Amerigo Vespucci, X. 555 †
 Martins, J. A.: A Madeira e o seu clima, 657 †
 Martonne, E. de; on anthropogeography of Upper Nile region, X. 95; explorations in S. Carpathians, XVII. 70; Fjords, cirques, vallées alpines et lacs subalpins, XVIII. 555 †; Hydrographie des oberen Nil-Beckens, XI. 453 †, 548; Lève topographique des Cirques de Gauri et Galcescu, XVIII. 102 †; Problèmes de l'histoire des vallées, XIII. 329 †; Recherches sur la période glaciaire dans les Karpates méridionales, XVIII. 84 §, 102 †, 225 †; Roumanie, géographie physique, etc., XVIII. 104 †; Sur la formation des cirques, XVII. 563 †; Sur la période glaciaire dans les Karpates méridionales, XVI. 362 †; Sur la toponymie naturelle des régions de haute montagne, XVIII. 316 §, 461 †; Sur les mouvements du sol et la formation des vallées en Valachie, XVIII. 210 §, 322 †; Sur l'histoire de la vallée du Jiu, XV. 294 †; XVI. 362 †; Sur un nouveau mode de représentation du régime des pluies, etc., XIII. 460 †; Vie des peuples du Haut Nil, IX. 462 †, 577 †
 ———, et M. Murgoci: Sondage et analyse des boues du lac Galcescu, XVI. 120 †
 Martyr, Bishop: Relación de un viaje por Europa, etc., XII. 104 †
 Martyr, Peter: see Anghiera
 Marugwa peak; height, IX. 390
 Marukh glacier, Caucasus, XIII. 429
 Marum crater, Ambrym Is., VIII. 599
 Marungu, Central Africa, II. 239; Kupfer und Eisen in: P. Langhans, XIX. 771 †
 ——— und Itawa, Missionsreisen in, XI. 93 †; Reiserouten in (map): B. Hassenstein, X. 561 †

MASHIKOLUMBWE

- Marungu und Utembue, Spezialkarte von: P. Langhans, XIX. 536 †
 Marvin, C. F.: Use of kites in exploration of upper air, XIV. 345 †
 Mary, Observations on geology of Mt., A. E. Kitson, XX. 362 †
 Mary Harmsworth, Voyage of, VIII. 545
 Mary Harmsworth, Cape, Franz Josef Land, VIII. 547, 550; IX. 101
Maryland—
 Cartography; E. B. Mathews on, XIII. 537
 Climatology and physical features; U.S. Dept. of Agriculture, IV. 283 †
 Early relations between Maryland and Virginia: J. H. Latané, VI. 197 †
 Geological Survey, † XII. 327; XIII. 681; XV. 667; XX. 670; Allegany Co., Johns Hopkins Press, XVIII. 334 †; Eocene, XVIII. 552 †; Outline of geology, etc.: W. Williams and W. Clark, III. 349 †
 Labadist Colony in: B. B. James, XIV. 584 †
 Maryland and its natural resources (Geological Survey), XIX. 109 †
 Physical Atlas (Maryland Geological Survey), XVII. 569 †
 Physiographic features of: C. Abbe, XVII. 557 †
 Pleistocene problem of N. Atlantic coastal plain: G. B. Shattuck, XVIII. 552 †
 Provisional government of: J. A. Silver, VI. 489 †
 Weather Service, XV. 667 †
 Masai tribe, E. Africa, II. 126; XIV. 146; dispersion, II. 539; in Naivasha district, XIX. 5; in Uganda, IX. 389
 Karte des Forschungsgebietes de Masai-Expedition des deutschen Antisklaverei-Komitee: O. Baumann, V. 94 †
 Kraals while on march, VI. 302
 Language, grammatical notes, with vocabulary: H. Hinde, XVIII. 330 †
 Last of the: S. L. and H. Hinde, XVIII. 550 †; XIX. 200 §
 Masai steppe, E. Africa, IV. 247; Johannes' expedition, VIII. 176
 Masalsky, K. V.: Santorine industry in Turkestan, XII. 429 †
 Masar Tagh, mt., VIII. 277
 Masato, drink of Zaparo Indians, III. 481
 Masawa mt.: see Elgon
 Mascardi, lake, Patagonia, XVI. 36
 Masclef, A.: La géographie botanique et son évolution au XIX^e siècle, XVI. 493 †, 704 †
 Mas d'Azil, Grotte du: Piette, VIII. 647 †
 Masca, chief, E. Africa, II. 409
 Masha, Persia, VII. 31
 Masherbrum peak, Himalayas, III. 431
 Mashi, Persian Gulf, VII. 644
 Mashikolumbwe and Marotse countries,

MASHIKOLUMBWE

Journey in: A. St. H. Gibbons, IX. 121 *

Mashikolumbwe tribe, IX. 135; XVIII. 71

Mashkel lake, Baluchistan, IX. 416

Mashonaland (*see also* Rhodesia)—

Climate and Capabilities, I. 320; History, I. 317; Name, extent, and natives, I. 305; Terrace slopes, XIX. 497; Walled towns, I. 314

Eldorado of the Ancients: C. Peters, XX. 529 §

Geography and ethnology of: R. M. W. Swan, III. 252 †

Mashonaland, Extract from *Edinburgh Review*, I. 567 †

— and its people: J. T. Bent, III. 161 †

— and Matabeleland, Facts and figures: Liebman, IV. 283; Map: Stanford, II. 479 †; XV. 678 †

Memoirs of: G. W. Knight-Bruce, VII. 332 †

Narrative of further excavations at Zimbabwe: Sir J. C. Willoughby, II. 474 †

Notes in Eastern: W. A. Eckersley, V. 27 *

Notes of journey in S. Africa: J. B. Don, II. 474 †

Railway, XV. 646; Survey, H. Good's route-plan of, XV. 144

Ruins, XIII. 379, 381; Ruined cities of: J. T. Bent, II. 474 †; Ruins in: H. Schlichter, I. 146*; letter from H. Schlichter, I. 371; R. M. W. Swan, discovery of fresh ruins, II. 438; Examination of, II. 263; letter on, I. 275, 465; Ueber altarabische Ruinenstätten im Maschona-Land: O. Lenz, XI. 94 †

Selous, F. C.; Journeys in, I. 304; Notes on his Map, V. 46; Travel and adventure in S.E. Africa, II. 474 †

With mounted infantry and Mashonaland Field Force: E. A. H. Alderson, XII. 98 †

Masila, Wadi, Hadramut, III. 196

Masindi, Sudan, IX. 376; position, IX. 390

Masini, E.: La data della nascita di Amerigo Vespucci, XI. 689 †

Maskan, Makran, VII. 403

Maskat, Persian Gulf, VI. 171; X. 608; History, X. 614; letter from Luciano Cordeiro on, XI. 187; A. W. Stiffe on, XI. 189, 305

Overland journey from Persian Gulf to: P. Cox, XX. 452

Masó, M. S.: La Seismologia en Filipinas, VI. 295 †

Mason Bey; biography: Abbate Pasha, XIII. 99 †

Mason, O. T.: Environment in relation to sex in human culture, XIX. 782 †; Influence of environment upon human industries and arts, XI. 105 †; Painted

MASTURA

bark-canoes of Kutenai and Amur, XVIII. 342 †; Primitive travel and transportation, X. 654 †; Technogeography; or Relation of the Earth to industries of mankind, IV. 475 †

Maspero, G.: Dawn of civilization, V. 187 †; Histoire ancienne des peuples de l'Orient classique, XV. 445 †; Passing of the Empires, 850 B.C. to 330 B.C., XVI. 705 †

—, G., and A. H. Sayce: Struggle of the nations, XI. 207 †

Massachusetts—

Bureau of Statistics of Labour; Report, XV. 668 †

Fauna of, Important addition to: A. Bangs, IX. 579 †

Geographical distribution of certain causes of death in: S. W. Abbott, I. 470 †

Geology of E. Berkshire Co.: B. K. Emerson, XVI. 583 †; of Old Hampshire Co.: B. K. Emerson, XV. 195 †

Manufactures, Annual statistics, XV. 668 †

Mapping of, IV. 149

Physical geography of Worcester in: J. H. Perry, XII. 435 †

Positions, Geographical, X. 230 †

Post-glacial Connecticut at Turner's Falls: M. S. W. Jefferson, XIII. 216 †

Representation and suffrage in: G. H. Haynes, IV. 579 †

Terraces of Westfield river: W. M. Davis, XX. 670 †

Vinland: *see s.v.*

Vital statistics of: S. W. Abbott, XI. 570 †

Massalia, Phœcian Settlement in, I. 506, 508

Massama, altitude, X. 395

Massana—Schizzo dimostrativo della Regione compresa tra Massana-Adua-Cassala, IX. 471

Masse, Carte de: C. Duffart, XII. 440 †; Cartes de: A. Hauteux, IX. 231 †; Nouvelles cartes de: A. Pawlowski, XX. 666 †

Massieu, Mme.: De l'Irrawaddi au Mékong supérieur, XII. 324 †; De Mandalay à Hué, XIII. 90 †; Journey in C. Asia, VI. 281; Territoires militaires du Tonkin, XVIII. 229 †; Voyage au Haut-Laos, XIII. 559 †; Voyageuse française, VIII. 416 †

Massi-Kessi; Country between Mapanda's and, II. 508; Longitude, I. 152; Passes N. of, II. 513; Population, II. 515

Masson, P.: Marseille et la colonization française, XVII. 84 †; Marseille port colonial, XV. 188 †; XVI. 360 †

Masterman, E.: Observations of Dead Sea levels, XX. 245 †

Mastry, fort, V. 424

Mastura river and valley, Tirah, XII. 338, 342

MASUBIA

- Masubia tribe, I. 291
 Masudi: *see* Maçondi
 Masuren; Eine Landes- und Volkskunde: A. Zweck, XVII. 207 +
Matabele (*see also* Mashonaland)—
 History of the Matabele: F. C. Selous, III. 439 +
 Map: Fletcher and Espin, VIII. 428; IX. 691
 Matabele Campaign, 1896: R. S. S. Baden - Powell, X. 340 +; XVI. 249 +
 ——— People, I. 318; E. Holub, III. 72 +
 ——— War; Downfall of Lobengula; Cause, history, and effect: W. A. Wills and L. T. Collingridge, IV. 578 +
 Matabeleland: A. R. Colquhoun, III. 347 +
 Mineral map: S. P. Mitchelson, XII. 109 +
 With Wilson in Matabeleland, or Sport and war in Zambesia: C. H. W. Donovan, IV. 578 +
 Matadi, Congo, XIX. 550; XX. 485; road to Stanley Pool, V. 427
 Matang, Sze-chuan, X. 40
 Matanna lake, Celebes, IX. 89
 Matanuska river, Alaska, XIX. 610
 Matawapa river, C. Africa, XV. 615
 Matese, Il lago del: G. de Agostini, XIV. 111 +
 Mathers, C. H.: From Golden Gate to Golden Horn, etc., I. 473 +
 Mathew, J.: Eaglehawk and Crow, Study of Australian aborigines, XIV. 685 +; XVI. 229 §
 Mathews, C. E.: Annals of Mont Blanc, XIII. 210 +
 ——— E. B.: Cartography of Maryland, XIII. 537; Granitic rocks of Pikes Peak quadrangle, XVI. 583 +
 ——— R. H.: Aboriginal Bora held at Gundabloni in 1894, VII. 116 +; Aboriginal rock pictures of Australia, VII. 116 +; Australian divisional systems, XIV. 685 +; Australian rock carvings, XI. 203 +; Divisions of Queensland aborigines, XIV. 231 +; Divisions of the S. Australia aborigines, XVI. 373 +; Ethnological notes on aboriginal tribes of N. Territory, XIX. 238 +; Native tribes of W. Australia, XVI. 373 +; Origin . . . of Australian aborigines, XVII. 679 +; Rock carvings . . . of Australian aborigines, XII. 328 +; Totemic divisions of Australian tribes, XII. 544 +
 Mathias, E.: Sur la distribution de la composante horizontale du Magnétisme terrestre en France, XVII. 84 +
 Mathiesen, H.: Courants de la mer et leur origine, V. 398 +; Vents et les courants de la mer, VII. 220 +
 Mathis, C.: Les régions de Cachipour, etc., XX. 359 +

MAUDSLAY

- Mathuisieulx, M. de: Explorations in Tripoli, XIX. 88
 Matina river, Costa Rica, X. 71
 Matmata plateau, XI. 595, 599
 ——— Kabira, XI. 597
 Matoka plateau, Zambesia, XVIII. 64
 Matoko tribe, Mashonaland, XIII. 380
 Matolela tribe, C. Africa, IX. 146
 Matschie, P.: Geographische Fragen aus der Säugetierkunde, VIII. 425 +; Säugetierwelt Deutschlands, XX. 551 +
 Matsushima, T.: Items of teaching of geography in ordinary middle schools, XIII. 100 +
 Matsushiro, archæological remains, VII. 148
 Mattagami, lake, Canada, X. 2, 10
 Matteucci, R. V.: La comparsa di fiamme nel cratere vesuviano, XII. 427 +; Photographs showing eruption of mt. Vesuvius, XVI. 264; Sur l'état actuel des volcans de l'Europe méridionale, XV. 294 +
 Matteuzzi, A.: Les facteurs de l'évolution des Peuples, XVII. 564 +
 Matthew, Early voyage of, IX. 606
 Matthew Paris' maps, XVI. 319
 Matthew, G. F.: Scientific work of Abraham Gesner, XI. 574 +
 ———, and S. W. Kain: On Artesian and fissure wells in New Brunswick, XIV. 461 +
 Matthews, A.: The term "Indian Summer," XX. 359 +, 458 §
 ———, D.: Native tribes of Upper Murray, XIX. 776 +
 Matthiessen, L.: Theorie der atmosphärischen Refraction, etc., XV., 301 +
 Matthieu, P.: Die Sonnenhöhe . . . bei photographischen Aufnahmen, XII. 329 +
 Matto-Grosso, XII. 388, 392
 Explorations by C. and W. von den Steinen, P. Ehrenreich, and P. Vogel, III. 238
 Journeys in, 1887-88: P. Vogel and L. von Ammon, III. 440 +
 Nota sobre a geologia e paleontologia de: O. A. Derby, XII. 436 +
 Matty I., Ethnography of: J. Edgepartington, VIII. 193 +
 Matusovski, Z.: Information relating to Chinese Empire, XVIII. 454 +
 Matyushin Shar, Novaya Zemlya, XI. 355
 Matzat, H.: Regenmessungen aus Kamerun, XVI. 251 +
 Mau escarpment, E. Africa, II. 128, 130; IV. 305; IX. 383
 ——— plateau, IX. 90; XIV. 275
 Mauberg, G.: Une ville morte en Saintonge, XVIII. 453 +
 Mauch, C.: Der Bernstein, VII. 570 +
 Maudslay, A. P.: Biologia Centrali-Americana, + II. 565; VI. 584; VIII. 191; IX. 463; XI. 685; XIII. 457; XV. 196; XVI. 372; XVII. 559; XX.

MAUDSLAY

- 360; Glimpse at Guatemala, XV. 196 †, 392 §; Maya Calendar inscription, XI. 96 †; remarks on "Exploration in Caroline Is.," XIII. 133
- Maudslay, A. P., and Bernoulli: Photographs of ancient carvings, etc., in C. America, I. 576
- Maugin, G.: Passage des Alpes . . . par un pèlerin de 1518, XV. 545 †
- Mauler, J. von: Explorations in Solomon Is., XVI. 230
- , und W. Kesslitz: Die Missions-Reise S. M. Schiffe *Albatros*, XV. 670 †
- Mault, A.: Note on manuscript chart showing Tasman's tracks in voyage of 1642-44, IX. 344 †
- Maumené: Bizerte et son nouveau port, VII. 215 †
- Maund, E. A.: remarks on "Twenty years in Zambesia," I. 322
- Maunder, E. W.: Indian eclipse, XV. 663 †
- Maundevile, Sir J., Marvellous adventures of; letter from A. W. Stiffe on, XIII. 312; letter from A. Houtum-Schindler, XIII. 668
- Maungu mts., E. Africa, II. 116
- Maunoir, Ch.: biography, XIX. 662 †; Explorations françaises en Afrique en 1896, IX. 340 †; obituary, XIX. 513; Rapport sur les travaux de la Société de Géographie, etc., VIII. 535 †; XII. 106 †; XIV. 691 †; Rapports annuels sur les progrès de la géographie, VI. 588 †
- Maunsell, F. R.: Centr. Kurdistan, XVIII. 121 *; E. Turkey in Asia and Armenia, VIII. 92 †; Geography of E. Turkey in Asia, IV. 188 †; Kurdistan, III. 81 *; Mesopotamian petroleum field, IX. 528 *; Photographs of Lake Van and neighbourhood, XV. 562
- Maurain, E.: Reconnaissance de l'arc du méridien de Quito, XVI. 356 §, 491 †
- , and Capt. Lacombe: Geodetic work in Ecuador, XVI. 356
- Maurer, H.: Observations for latitude, etc., in Kilimanjaro region, XIV. 321; Prüfung eines neuen Anemometers, XVI. 257 †; Resultate . . . meteorologischer Registrirapparate in Deutsch-Ostafrika, XVI. 580 †
- Maurice, F.: Omdurman, XIII. 92 †
- , R. T.: explorations in S. Australia, XIX. 760
- Maurienne und Tarentaise, Aus den Bergen der: K. Blodig und L. Purtscheller, IX. 457 †
- Maurig, E. von: Das Congogebiet vom wirtschaftlichen Standpunkte, XIII. 680 †
- Mauritius—
- Fauna, VII. 284
- Geography of: M. Decotter, III. 72 †
- L'île Maurice: G. Verschuur, XV. 82 †

MAYO

- Mauritius—*continued.*
- Mauritius and Rodrigues (Col. Reports), † XIII. 323; XV. 298; XVII. 323
- Physical features and geology of: H. de H. Haigh, V. 597 §; VI. 583 †
- Sugar industry: J. F. Anderson, XIII. 563 †; XIV. 118 †
- Mauro, Fra: Early map of Japan, IV. 277; Early nautical maps, IX. 192; Maps of Cipango and Java, III. 404
- Maurtua, V.: Question of the Pacific, XIX. 776 †
- Maury, L.: L'île de Gotland et les représentations théâtrales de Visby, XX. 351 †
- Mavor, S.: From Baltic to Caspian, XV. 189 †; Pilgrimage to Solovetsk, XVII. 445 †
- Mavrogordato, T. E.: Cyprus and its resources, V. 281 †
- Mawddach estuary; sand-waves, XVIII. 172, 176
- Mawenzi, height and position, IV. 436
- Mawir stream, Sierra Leone, IV. 131
- Mawley, E.: Report on phenological observations for 1899, XVII. 445 †
- Maxse, Major: remarks on "Journeys to the N. of Uganda," XIV. 153
- Maxwell, Sir H.: City of many waters, IX. 679 †; How summer came to Caithness, VIII. 308 †; Names of places, XVI. 261 †; Results of Ashanti expedition, IX. 463 †; Rhind lectures in archæology; Scottish land names, IV. 84 †; Sad plight of British forestry, XIX. 104 †; Valley of enchantment, XVI. 572 †
- , W. F.: Newfoundland and Labrador Pilot, XI. 570 †
- May, W. W.: obituary, VII. 324
- Maya calendar inscription: A. P. Maudslay, XI. 96 †; Archaic Maya inscriptions: J. T. Goodman, IX. 578 †; Maya-Quiché Indians, XX. 220
- Maydell, Baron G.: Reisen und Forschungen im Jakutskischen Gebiet Ostsibiriens, VIII. 417 †; Ten years' travel and study of Yakutsk district, IV. 282 †
- Maydon, J. G.: Natal, VII. 563 †
- Mayer, E., and J. Luksch: Weltkarte zum Studium der Entdeckung en mit dem colonialen Besitze der Gegenwart, I. 575 †
- Mayer river, Patagonia, XIV. 264; XVI. 208
- Mayers: Report on journey from Peking to Shanghai, XII. 430 †
- Mayer's journeys in Madagascar in eighteenth century, VIII. 71
- Maynard, F. R., and D. Prain: Note on botany of Baluch-Afghan Boundary Commission, IX. 680 †
- Mayo, Earl of: Proposal for ladies to be admitted as Fellows, II. 183; Tourists in Ireland, X. 548 †

MAYO

- Mayo river, Patagonia, XIV. 356
 Mayon, Philippines; Eruption del volcan
 Mayon: J. Coronas, XIII. 678 †; XIV.
 92 §
 Mayotte, Eine Skizze über: G. Couarde,
 XV. 82 †
 Mayou, L.: Les Temples de la Géographie
 dans l'Egypte Antique, X. 340 †
 Mayr, A.: Pantellaria, XVI. 244 †
 —, E.: West Australien, IX. 580 †
 —, G. von: Zur Technik der Ausbeut-
 ung berufsstatistischer Angaben, VII.
 569 †
 —, R.: Wien-Chicago, III. 348 †
 Mayumbe, Le: J. van den Plas, XIV.
 336 †; Carte de la region du: N.
 Diderich, XV. 93 †; Railway, XIV.
 565
 Mayu-tata river, Amazons, XVII. 376;
 XVIII. 146; *see also* Madre de
 Dios
 Mayville, an Anglo-French pleasaunce,
 IX. 335 †
 Mazama: Record of mountaineering in
 Pacific North-West, XI. 202 †
 Mazama, Lake, Oregon, XI. 183
 Mazama, Mt., Wreck of: J. S. Diller,
 XIX. 774 †
 Mazar-tagh, mt., XI. 248
 Mazaaurie, F.: Cataractes du Sautadet
 (Gard), XVII. 84 †; Cavernes de la
 Bouldene au Mas Cabanis, VII. 438 †;
 Explorations souterraines dans le Gard,
 l'Ardèche et l'Hérault, XV. 546 †
 — et G. Cabanès: Le Spélunque
 de Dions, X. 546 †
 Mazelle, E.: Bericht über die im Triester
 Gebiete beobachteten Erdbeben, XIII.
 86 †; Tägliche Periode des Nieder-
 schlags in Triest, XII. 623 †; Täg-
 liche periodische Schwankung des
 Erdbodens . . . zu Triest, XIX. 391 †;
 Verdünnung des Meerwassers und des
 Süßwassers, XV. 444 †
 Mazoe river, I. 304
 Mazumbai: *see* Kwai
 Mbaka river, Nyasaland, V. 116
 Mbampa-Bai am Nyassa-See, Reise von
 . . . Lieder, X. 121 †
 Mbaruk-bin-Raschid, V. 558, 560
 Mbe district, E. Africa, IV. 109
 Mbinzan peak, E. Africa, XIV. 279
 Mbiro Nyinza, C. Africa, IV. 350
 Mbololo, V. 548
 Mbirizi falls and river, Congo, XIX. 551
 Mchinga mts., Rhodesia: *see* Muchinga
 Mead, Edwin D.: Expansion of England,
 XVI. 495 †
 Mead, Elwood: Rise and future of irriga-
 tion in U.S., XVI. 490 †
 Meade, R. W.: biography, X. 461 †;
 Winter voyage through Straits of
 Magellan, X. 458 †
 Meakin, A. M. B.: Ribbon of Iron, XX.
 354 †
 —, B.: Land of the Moors, XIX.

MEDITERRANEAN

- 107 †, 198 §; Moorish Empire, XIV.
 682 †
 Mean Englishman, The: J. Jacobs, XIV.
 332 †
 Means, T. H.: On reason for retention of
 salts near surface of soils, XIX.
 661 †
 Mears, W. P.: Preservation of Health in
 the Far East, etc., V. 403 †; Society in
 China, V. 280 †
 Measand Beck, delta, VI. 143
 Measurement of the earth: A. Fowler, X.
 532 †
 Measures—Ancient standards of measure
 in the East: Sir C. Warren, XIV.
 465 †; Evoluzione delle misure lineari,
 etc.: G. Uzielli, XVIII. 243 †;
 Uniformity in, XIV. 544
 Meat supply of U. K.: E. M. Nelson,
 VI. 103 †
 Meath, Earl of: Land of Incredible
 Barbarity, IV. 189 †
 Mecca—
 Burton's Pilgrimage, XIV. 334 †
 Railway—Chemin de fer de la Mecque
 et les musulmans indiens: H. Lam-
 mens, XIX. 770 †; Mekkabahn:
 M. Schlagintweit, XX. 241 †
 Voyage à la Mecque: G. Courtelle-
 mont, V. 167 §; VI. 294 †, 485 †
 Mechnikoff: *see* Metchnikoff
 Medford Dike area: A. W. G. Wilson,
 XX. 248 †
 Medals of R.G.S. and other Societies:
see under names of Societies
 Medical notes for explorers: W. H. Crosse,
 XII. 331 †
 — reports, Selection from Colonial,
 XVIII. 461 †
 Médimarmètre et la détermination du
 niveau des mers: P. Gaultier, IX. 243 †
Mediterranean Sea—
 Alboran: Archduke Ludwig Salvator,
 XIII. 556 †
 Axis of, VIII. 615
 Berichte der Commission für Erfor-
 schung des östlichen Mittelmeeres,
 † V. 398; VII. 448; IX. 345; XX.
 130
 Cable fractures, X. 271
 Carta "de mari mediterraneo" de
 Marin Sanudo: A. Magnocavallo,
 XX. 365 †
 Coast region of Egypt: Ryecraft, XX.
 502 *
 Columbretes: Archduke Ludwig
 Salvator, VII. 108 †
 Densités d'eaux marines en Méditer-
 ranée, Sur une série Verticale de: J.
 Thoulet, XX. 364 †
 Grenze der Sichtbarkeit des Landes
 auf dem Meere: L. Henkel, XIX.
 244 †, 502 §, 650 †
 Guide to E. and W. Mediterranean:
 Macmillan, XIX. 366 §, 394 †
 Herodotus' sailing chart, VIII. 609

MEDITERRANEAN

Mediterranean—continued.

- Hydrography of E. Mediterranean: K. Pencker, III. 138 *
- Mediterranean days: S. Wells, XI. 450 †
- domain, Areas of river-basins, XI. 61
- Pilot, † VIII. 188; XIV. 675; XVIII. 227
- Race: G. Sergi, XIX. 365 §
- and Atlantic, J. Y. Buchanan's observations on density of waters, II. 374; on Prince of Monaco's work, IV. 368
- Méditerranée phénicienne: V. Bérard, VIII. 195 †
- Monthly Pilot Charts of N. Atlantic and (Met. Office, London), † XIX. 119, 248, 416, 538, 667, 787
- Narrative of cruises in: W. Black, XV. 661 †
- Pêcheurs d'éponges de la Méditerranée: C. Flégel, XX. 120 †
- Physical conditions of: E. Hull, VII. 108 †; XIV. 455 †
- Physical observations of *Pola* expedition: J. Luksch, I. 379 †
- Pilot charts: *see* Atlantic Ocean
- Portulan de la mer Méditerranée ou le vrai Guide des Pilotes costiers: H. Michelot, I. 474 †
- Preliminary report on physical-oceanographical work in 1892: J. Luksch, II. 476 †
- Projet de colonisation russe dans la Méditerranée au XVIII^e siècle: L. Brunet, XI. 565 †
- Randländer des Mittelmeers: H. F. Helmolt, XV. 434 †
- Régime des vents de la côte nord de la Méditerranée: V. Grenet, XIII. 556 †
- Report of Commission for exploration, I. 379 †; IV. 89 †
- Surveys (Admiralty, etc.), IV. 27; XIV. 85; IX. 656
- Variations des limites de la région méditerranéenne: G. Bonnier, XVI. 245 †
- Winter resorts: E. A. Reynolds-Ball, † I. 91; VII. 685; XIII. 689
- With yacht and camera in Eastern waters: Earl Cavan, VIII. 648 †; With yacht, camera, and cycle in the Mediterranean, VI. 580 †
- Zwei Fahrten in das Mittelmeer: G. Radde, XI. 565 †; XII. 537 †
- Medley, E. J.: India to England via C. Asia and Siberia, XVIII. 550 †
- Mednin, XI. 584
- Meernie valley, C. Australia, X. 52
- Meerwaldt, J. H.: Aanteekeningen betreffende de Bataklanden, VI. 487 †
- Mees, J.: Açores d'après les Portulans, XVIII. 327 †; Diego Cam et Martin Behaim, XX. 675 †; Henri le Navi-

MEKLONG

- gateur et l'Académie Portugaise de Sagres, XVIII. 242 †, 648 †; Histoire de la découverte des îles Açores, XIX. 655 †; XX. 441 §
- Meeson, J. T.: Notes on meteorology of Canterbury and Westland, etc., VII. 116 †
- Megalithic sites, in Tripoli, IX. 625
- Megdova valley, Greece, III. 325
- Mohagi, Albert Nyanza, XX. 614
- Mehaigne, Cavernes de la vallée de la: J. Fraipont and F. Tihon, XI. 308 †
- Mehedinti, S.: La géographie comparée d'après Ritter et Peschel, XVII. 682 †; Ueber die kartographische Induction, XV. 675 †
- Mehlis, C.: Glaciale Erscheinungen vom Hartgebirge, XIV. 223 †
- Meiklejohn, J. M. D.; obituary, XIX. 645
- Meinardus, W.: Beiträge zur Kenntniss des Indischen Ozeans, V. 396 †; Einige Beziehungen zwischen der Witterung und den Ernte-Erträgen in Norddeutschland, XVIII. 225 †; Einfache Methode zur Berechnung klimatologischer Mittelwerthe von Flächen, XVI. 493 †; Entwicklung der Karten der Jahres-Isothermen, XV. 89 †; Hauptergebnisse der Wissenschaftlichen Ballonfahrten in Norddeutschland, XVIII. 239 †; Ueber einige meteorologische Beziehungen zwischen dem Nordatlantischen Ocean und Europa, XI. 687 †; Zusammenhang des Winterklimas in Mittel- und Nordwest-Europa, XIII. 318 †
- , and G. Hellmann; On great dust-fall of March, 1901, XX. 107
- Meinecke, G.: Aus dem Lande der Suaheli, VII. 442 †; Koloniales Jahrbuch, † I. 284, 380; IV. 474; VI. 103; VIII. 535; IX. 688; Kolonisatorische Aufgaben, XVIII. 556 †; Siedelung in den Tropen, XIV. 466 †
- Meinhard, F.: Auf Transbalkanbahnstudien, XIII. 554 †; Balkanbahnen in ihren Beziehungen zur Bagdadbahn, XX. 238 †; Durch das Iskerdefilee, XIII. 87 †
- Meinhof, C.: Grundriss einer Lautlehre der Bantusprechen, XV. 296 †
- Meisenbach, G.: En färd till Sjuöarne, XII. 438 †
- Meister, M.: Russland in Asien, Historisch-wirtschaftliche Skizze, XIX. 525 †
- Meitzen, A.: Abbildungen zu dem Vortrage über Nomadenleben, XV. 392 †; Uebergang vom Nomadenleben zur festen Siedelung bei Kelten Germanen und Slaven, XIX. 408 †
- Mejenin, Wadi, IX. 629
- Mekoo district, Br. New Guinea, XVI. 266, 271, 275
- Mekiskan river, Canada, VII. 316
- Meklong river, Siam, VI. 404

MEKONG

- Mekong river**, VII. 94, 302, 583; VIII. 59, 438, 570; XI. 545; XIV. 384; affluents, VII. 586; navigation, VII. 200; (Upper), XIX. 589
French gunboats' ascent, Account: G. Simon, IX. 88
Irrawaddi au Mékong supérieur: Mme. Massieu, XII. 324 †
Navigabilité du Mékong: G. Amelot, XII. 431 †; *Do. de la Chine au haut Laos*: J. B. d'Attanoux, XI. 683 †; *Navigation du Mékong*: P. Combes, XI. 451 †
Notes of Journey on Upper Mekong: H. Warrington Smyth, V. 508 †
Prince Henry of Orleans' journey from Mekong to Assam, VII. 199
Utilisation économique du Mékong: G. Simon, XII. 324 †
Mekran: *see* Makran
Mela tribe, Somaliland, VIII. 229; XX. 100
Melander, G.: *L'influence du Vésuve sur l'air des environs*, XIX. 650 †
Melanesia—
 Amongst tropical islands: H. Chewings, XVI. 491 †
 Duk Duk and other customs, etc.: Graf von Pfeil, XI. 203 †
 Parkinson's Beobachtungen auf Bóbolo und Hún: F. von Luschan, XVI. 703 †
Melbourne, *First steamer, Adventure in the*: Hon. T. Tomkinson, XX. 129 †
Melbourne to Tokio, *Notes by the way*: W. Daish, XVI. 486 †
 — *Geographical Society: Inaugural address by President*, XV. 676 †
 — *mt., Antarctic*, XVI. 397; XVII. 488
Meldahl, *Iagttagelser paa en Rejse i Mellem- og Sydeuropa*, IX. 103 †
Maldaud: *Bemerkungen zum "indischen Seespiegel Mohit"*, XIII. 677 †
Melgha, Wadi, IX. 629
Melhop, W.: *Historische Topographie der Freien und Hanse-Stadt Hamburg*, VII. 560 †
Melin: *Atlas historique et géographique*: A. Paris, VI. 592 †; IX. 586; XIV. 127 †
Melitene, *Roman town, Upper Euphrates*, VIII. 327; *roads*, VIII. 463
Mell, P. H.: *Report on climatology of cotton-plant*, II. 187 §, 462 †
Melli, T. B.: *La Colonia Eritrea dalle sue origini fino al Marzo 1899*, XVII. 211 †
Mellier, E.: *Projet d'utilisation de la grotte de Goule-Noire*, XIV. 330 †
Mellish, H.: *Seasonal rainfall of British Is.*, XVIII. 104 †
Mello, B. H. de: *O Oyapock divisa do Brazil com a Guiana Franceza*, IX. 464 †
 — *C. de: Les lois de la géographie*, XX. 366 †
Mellor, E. W.: *Cruise of the Dolphin in Dutch waters*, XI. 192 †; *Hartz mts.*,

MENDI

- with Brunswick and Hildesheim, XVII. 206 †; *Notes of journey in Portugal*, V. 505 †; *S. Sweden, 1894*, VIII. 189 †
Melven, W.: *Official guide, W. Highland railway*, VI. 293 †
Melvill, E. H. V.: *Map of Vereeniging-Pretoria portion of Transvaal*, XVI. 378 †; *Photographs of scenes of battles at Modder river, etc.*, XVII. 332; of Swaziland, Lorenzo Marques, etc., IV. 584; of Transvaal and Natal, XIII. 464
Melville, G. W.: *biography*, X. 555 †; *Proposed system of drift casks to determine direction of Circumpolar currents, etc.*, XII. 194 §, 328 †; XIV. 327
 — *H. Typee and Omoo, Narratives of adventures in Marquesas Is., etc.*, II. 566 †
Melville bay: *E. Bay's expedition*, XI. 184; *glaciers*, V. 350; *Journey round*: E. Astrup, V. 345 *
Membo hill, Kilwa: *limestone caves*, VI. 459
Memel, Pregel- und Weichselstrom: J. Partsch, XIX. 394 †
 — *Stadt, und ihre Wasserstrassen*: A. Zweck, IX. 336 †
Men and women of the time: V. G. Plarr, VII. 119 †; XIV. 689 †
Menager, E.: *Invasion sicilienne en Tunisie*, XIX. 108 †
Menam valley: *trade and importance*, VIII. 448
Mecarini, J.: *Formosa*, IX. 460 †
Menchia, tombs and villages, X. 604, 606
Mendali, petroleum springs near, IX. 531
Mendaña, A. de: *Viaje que hizo: C. F. Duro*, VII. 684 †; *M. et la découverte des îles Marquises*: G. Marcel, XII. 102 †
Mendelssohn, G. B., *und seine Schilderung des Riesengebirges*: P. Kämmerling, XIX. 241 †
Mendenhall, T. C.: *Alaskan boundary survey*, I. 507 †; *Determination of gravity with half-second pendulums on Pacific coast, etc.*, II. 91 †; IV. 88 †; *Geographical position and height of Mt. St. Elias*, II. 279 †
Mendenhall, T. C.: *resignation of Superintendent of Coast and Geodetic Survey, U.S.*, IV. 566; *Twenty unsettled miles in N.E. boundary*, XIII. 565 †
 — *and O. H. Tittmann: Geographic work of U.S. Coast and Geodetic Survey*, XI. 98 †, 289 *
Mendes, A. L.: *Cartas escriptas da America nos annos de 1882 a 1883*, IX. 580 †; X. 122 †
 — *C., and T. Sampaio: Lingua Indigena o nome Ceará*, XIX. 236 †
Mendez Pinto: *S. Wheeler*, I. 139 *
Mendi country and people, IV. 124, 138; X. 386; *Mendi country*: W. Vivian, IX. 463 †

MENDIP

- Mendip valley, its inhabitants, etc.: T. Compton, I. 467 †
- Mendoza—
El suelo y las vertientes de la ciudad de: G. Bodenbender, XII. 101 †
Examen Topográfico y Geológico de San Carlos, etc., VII. 444
Observaciones hipsométricas alrededor de: O. Doering, XII. 101 †
- Ménélik et nous: H. Le Roux, XIX. 654 †; Menelik's dominions and country between Lake Gallop and Nile valley: M. S. Wellby, XVI. 292*; With the Mission to Menelik: Count Gleichen, XII. 304 §
- Menelik falls, Modsho river, XX. 378
- Menendez, F.: journeys of, XVI. 22
- , R.: La costa oriental de Yucatan, X. 651 †
- Menéres, A. da F.: Relatorio . . . da Associação Commercial do Porto . . . anno 1895, VII. 459 †
- Mengeot, A.: Du pétrole et de sa distribution géographique, IX. 348 †
- Menges, J.: Reisen auf das Hochplateau der Somali-Halbinsel, IV. 582 †
- Menghius, C.: Sprachenkarte von Graubünden und Tessin, XII. 108 †, 310
- Men-liang's ladder, Yangtse, XVIII. 506
- Meng Lien, XV. 496, 508
- Lung and Meng Cheh, Shan States, XIV. 381
- Wang, XV. 499, 500
- Wu, Shan States, XV. 493
- Menicoff, U.: Ricognizione nel Deserto Orientale d'Egitto, IV. 577 †
- Menihék, lake, Labrador, V. 530
- Menke, T.: biography, I. 187 †
- Mennonite colonies in S. Russia; H. van der Smissen on, XII. 409
- Menomini Indians: W. J. Hoffmann, XI. 98 †
- Menon, C. A.: Report on census of Cochin, VII. 329 †; Village communities in S. India, V. 506 †
- Mentawai Is.—
Bei liebenswürdigen Wilden, Ein Beitrag zur Kenntnis der Mentawai-Insulaner: A. Maass, XX. 353 †
Isola Sipora: E. Modigliani, XII. 96 †
Mentawai-Inseln und ihre Bewohner: C. M. Pleyte, XVII. 551 †
Ueber seine Reise nach den Mentawai-Inseln: A. Maass, XII. 96 †, 410 §
- Menteith, Lake of, Bathymetrical Survey, XVII. 277
- Menteshe valley, Karia, IX. 52
- Menzies, N., Coolgardie goldfield, Topographical map of: W. D. Campbell, XV. 450 †
- Meprachi river, Siam, VI. 405
- Mer I., Pacific, IV. 569
- Meranga country, E. Africa, XV. 458, 485
- Meráni fort, Maskat, X. 612, 617
- Merconton, P. L.: Les débâcles au glacier de Crête-Sèche, XV. 190 †

MERRIAM

- Mercator, Gerhard: P. Dinse, V. 400 †; Do.: W. Wolkenhauer, V. 186 †; Mercator - Ausstellung im Lesesale der Kölner Stadtbibliothek, Katalog, VI. 102; Mercator's Chart as ex-meridian table: H. B. Goodwin, XVIII. 646 †; Mercator's charting of Japan, III. 403
- Projection— Näherungsweise Konstruktion der Merkator-Projektion: E. Hammer, XII. 328 †
- Mercerat, A.: Terrains sédimentaires . . . de la Patagonie australe, XI. 99 †; Un viaje de exploracion en la Patagonia austral, III. 162 †
- Merchant Marine of foreign countries, XV. 673 †; XVII. 328 †; Flottes de commerce et de trafic maritime: A. Huni, XIV. 234 †
- Merchier, A.: Un coin de Lorraine, XVI. 570 †; XIX. 393 †
- Mercié, E.: Aux terres de Kerguelen, etc., X. 652 †; De l'Annam au Mékong, VII. 111 †; De Tourane à Kemmarat, VIII. 416 †; Exploration en Annam et en Laos, IX. 104 †; XIII. 677 †
- Mercier, G.: L'expansion de la France dans le sud Algérien, XIV. 680 †
- , V.: Diario de una Expedicion del Madre de Dios al Acre, III. 517 §, 534 †
- Mer de Glace, Exploration des Moulins de la: J. Vallot, XV. 546 †
- Merchan tribe, Somaliland, II. 362
- Merensky, A.: Karte der Berliner-Missionen; Expedition im Norden des Nyassa, I. 94 †; Konde country, II. 321*; Shire river, IV. 282 †
- Merere's country; Prince's journey, in, XV. 282
- Merga abyss, Arabia, VI. 126
- Mergui, Malay Penins., VI. 416; Old main routes from, VI. 419
- archipelago; pearls in, VI. 522; Selungs of: R. C. Temple, X. 648 †
- Merian, A.: Seychelle Is., XIV. 225 †
- Merida, Sierra de, Venezuela, XVII. 352
- Meriden, Quarries in lava beds at: W. M. Davis, VII. 334 †
- Meridians—
Adoption du méridien initial de Greenwich par la France, XV. 198 †
Convergence des méridiens: M. Hatt, XVII. 97 †
Meridians of Herodotus, VIII. 608
Question du méridien unique: P. Combes, XV. 87 †
- Merke-bel pass, VI. 351
- Merker, M.: Rechtsverhältnisse und Sitten der Wadschagga, XX. 356 †
- Merket, VIII. 266
- Merleau, R.: La Mission du Bas-Zambèze de 1860 à 1895, IX. 239 †
- Merriam, C. H.: Geographic distribution of life in N. America, IV. 380*; on geographical distribution of animals and plants, VI. 188; Laws of temperature

MERRILL

- control of geographic distribution of terrestrial animals and plants, V. 395†
 Merrill, F.: Hunting trip to N. Greenland, XV. 671†
 —, G. P.: Geology and history of Lower California, XII. 213†; Notes on geology . . . of Lower California, XIII. 94†
 —, J. A.: Suggestive course in geography, XIII. 462†
 —, S.: Jaffa and Jerusalem railway, I. 565†
 Merris, C. van: Amélie-les-Bains, IX. 231†
 Merritt, F.: Goldfields of Br. Columbia and Klondike, XII. 326†
 —, W. H.: Field testing for gold and silver, XVI. 495†
Mersey, river, III. 486; state of navigation, I. 543
 Mersey—Estuary Embankments: W. Eliot and Sir E. L. Williams, XII. 203†
 Navigation of: G. H. Richards, VII. 361†
 Physical and engineering features of: G. F. Lyster, IX. 679†
 Report on present state, etc., of: Sir G. H. Richards, I. 467†; III. 528†; Sir G. S. Nares, †XI. 89; XII. 627; XIV. 578; XVI. 364; XVIII. 634; XX. 352
 Sea approaches to: M. Sweney, VII. 561†; VIII. 294§
 Mertens, A.: Hopfenbau in der Altmark, XIV. 577†; Südliche Altmark, I. 81†
 —, J.: Periplus, XIII. 461†
 Merto: *see* Kedowa
 Meru, mt., C. Uhlig's ascent of, XIX. 755
 Merv, Old, Ruins of; Prof. Skaukowski's examination, IV. 360
 Méry, M. M.; letter on new division of time and angles proposed by H. de Sarrauton, XI. 674
 Merzbacher, G.: Aus den Hochregionen des Kaukasus, XVIII. 107†, 611§; Explorations in E. Caucasus, I. 63; II. 18
 Mesa, The enchanted: F. W. Hodge, XI. 98†; Erforschung der verzauberten: Id., XIII. 681†; exploration, X. 541; Verification of a tradition: F. W. Hodge, XII. 100†
 Mesa de Plata, Bolivia, III. 109
 — Verde: F. H. Newell, XIII. 216†; Cliff dwellers of: G. Nordenskiöld, III. 46§, 73†
 Meshed, Persia, X. 578; Journey from Quetta to, via Nushki-Sistan trade route: Earl of Ronaldshay, XX. 70*; Part II.: E. Penton, XX. 80*; Reise nach Meshed in Persien: G. Minkevitch, IX. 339†; Trade report: R. Thomson, VI. 567
 Mesny's Chinese Miscellany, VII. 111†; X. 119†

METEOROLOGY

- Mesopotamia—
 Aus Mesopotamien, XVIII. 639†
 Irrigation, XX. 199
 Mesopotamian Petroleum field: F. R. Maunsell, IX. 528*
 Studien in Mesopotamien und Babylonien, 1900–1901: P. Rohrbach, XVIII. 550†
 Vom Mittelmeer zum Persischen Golf: Fehr. von Oppenheim (Review by Sir C. W. Wilson), XVII. 183§
 Messerschmitt, J. B.: Lotabweichungen in der mittleren und nördlichen Schweiz, XIII. 211†; Do. in der Westschweiz, IV. 88†; Relative Schwerebestimmungen, XI. 89†; Do. in der Schweiz, VIII. 528†; Resultate der astronomischen Beobachtungen . . . in Neu Guinea, XVII. 680†; Verlauf des Geoids auf den Kontinenten und Ozeanen, XVII. 562†
 Messina, Escursioni in provincia di: G. Ricchieri, XIX. 650†
 —, Meeresströmungen in der Strasse von: G. Schott, III. 344†, 512§
 Meta river, S. America, XVII. 363
 Metalanum, Caroline Is., ruins at, XIII. 115, 131
 Metchnikoff, L.: Que signifie le nom de Yangtze? VII. 562†
 Meteorites, Introduction to study of: L. Fletcher, XIII. 331†; Meteoric iron in Greenland, XI. 234
Meteorology (*see also* Atmosphere, Moon, Rain, Temperature, Winds, etc., and special countries)—
 Achtzehnter Jahres-Bericht . . . der deutschen Seewarte, IX. 245†
 Aéronautischen Observatorium in 1900 und 1901: R. Assmann und A. Berson, XX. 674†
 Ballonfahrten, Gewitterstudien auf Grund von: L. Sohneke, IX. 112†; Fahrt des Ballons "Humboldt": H. Gross und O. Baschin, XVIII. 459; Do. des "Phönix," Id.: XVIII. 459; Hauptergebnisse der wissenschaftlichen Ballonfahrten in Norddeutschland: W. Meinardus, XVIII. 239†; Oesterreichischen Luftballons . . . am Mai 1900: J. Valentin, XVII. 681†
 Beobachtungen auf dem Eiffelthurne: A. Woelke, XII. 439†
 Charts of Southern Ocean, XIV. 695†
 Communications sur . . . la mission danoise à Utsjoki: A. Paulsen, XVIII. 460†
 Conferences, etc.—International Meteorological Committee, St. Petersburg, Report, XVII. 215†; International Meteorological Conferences: R. H. Scott, IX. 245†; Atti del IV. Congresso Meteorologico Italiano, XVI. 260†; Meteorological Congress, Report: O. L. Fassig, VII. 220†; IX. 685†; Conference, Report, X. 460†;

METEOROLOGY

Meteorology—continued.

- Council, Report, † VIII. 189; XII. 204; XIV. 333; XV. 662
 Convention of Weather Bureau officials; Proceedings, XIV. 587 †
 Déterminations actinométriques faites au Mont-Blanc: Crova et Houdaille, IX. 244 †
 Einzelbeobachtungen vom Ozean: W. Köppen, XIV. 344 †
 Elementary meteorology for high schools: F. Waldo, IX. 245 †
 Equipment of meteorological laboratory: R. de C. Ward, XV. 89 †
 Ergebnisse der Gewitter-Beobachtungen, 1891: Assmann, VII. 108
 — der Niederschlags-Beobachtungen, 1893, VII. 108 †
 Etude sur la loi des tempêtes: A. Schwörer, VII. 220 †
 Frage der 35-jährigen Klima-Schwankungen: E. Brückner, XX. 674 †
 — des jahreszeitlichen Luftaustausches, etc.: O. Baschin, VII. 118 †
 Gegenwärtige Lage: W. Köppen, IX. 112 †
 Grundzüge der Meteorologie: H. Mohn, XI. 458 †
 High-level station in Balkan Pen., VII. 544; in Carpathians, VIII. 173
 Hints to meteorological observers: W. Marriott, X. 460 †; XX. 250 †
 Hydrographischen und meteorologischen Phänomenen: O. Pettersson, IX. 112 †
 Investigations on periodicity in the weather: H. H. Clayton, XV. 89 †
 Jahrbuch, Deutsches Meteor., für 1890, IV. 382 †; Jahrbücher . . . für Meteorologie und Erdmagnetismus, VII. 683 †
 Klimatologische Mittelwerthe für ganze Breitreise: W. von Bezold, Referat von J. Hann, XX. 563 †
 Marche diurne de la température en haute montagne: E. de Martonne, XVIII. 239 †
 Meteorological extremes — Pressure, XIV. 465 †; Temperature, XV. 89 †
 — observations: R. Inwards, XIII. 568 †
 — phenomena in London with different winds, etc.: R. C. Mossman, XIII. 212 †
 Meteorologische Beobachtungen in Griechenland: H. Hartl, VII. 108 †
 — in Misahöhe: Gruner und Baumann, VIII. 311 †
 — in Norwegen: H. Mohn, IX. 466 †
 Meteorologisk Aarbog for 1894, IX. 103 †
 Meteorology: factor in naval warfare: M. C. Hepworth, VIII. 424 †
 — on British Antarctic expedition, XIX. 239 †

METEOROLOGY

Meteorology—continued.

- Mistpoeffers: E. van den Broeck, IX. 112 †
 Moyennes des hauteurs barométriques, en soleil austral, etc.: A. Poincaré, XIII. 686 †
 Nansen's work in meteorology, VIII. 392
 Niederschlag auf der festen Erdoberfläche: A. Supan, XI. 688 †
 Nordlys: A. Paulsen, XI. 688 †
 Note sur . . . journaux météorologiques des bâtiments de commerce, XVI. 493 †
 Observations at stations of second order, † VII. 328; XI. 89; XII. 204
 —, Local—Brocken, VI. 382; Franz Josef Land: Armitage, XI. 130; Mt. Kosciusco, X. 330; Mt. Satulah, XI. 301; Suva, Fiji: J. D. Vaughan, VIII. 421 †; Turfan depression, XIII. 431; Mt. Wellington, Tasmania, VI. 574
 — météorologiques: G. Féral, VIII. 424 †
 — météorologiques-nautiques, XIII. 569 †
 On obtaining meteorological records, etc.: A. L. Rotch, XI. 103 †
 Orkane des nordatlantischen Ozeans, XV. 89 †
 Osservazioni meteorologiche . . . dell' Etna: A. Riccò e G. Saya, XIII. 97 †
 Platinum thermometry at Kew Observatory: C. Chree, XVII. 215 †
 Precipitation on mountain slopes: F. Pockels, XVIII. 647 †; XIX. 192 §
 Projectiles . . . pour prévenir la formation de la grêle: G. Gastine et V. Vermorel, XVII. 215 †
 Reisen der Schiffe *Nereus* und *Pestalozzi*, XII. 439 †
 Results of observations at Vizagapatam: A. V. Nursingrow, I. 186 †
 Smithsonian meteorological tables, III. 257 †
 Solar changes of temperature and variation of rainfall: Sir N. Lockyer and W. J. S. Lockyer, XVII. 216 †
 Storms and weather forecasts: W. Moore, IX. 685 †
 Teaching elementary meteorology: J. M. Jameson, XI. 688 †
 Temperatur des . . . Sonnblickgipfels: J. Hann, XIII. 97 †
 Thätigkeit des Königlich Preussischen Meteorologischen Instituts: W. von Bezold, XVII. 454 †
 Transparents pour combiner les effets de la révolution synodique avec ceux de rotation terrestre: A. Poincaré, XVII. 215 †
 Vienna College, directorship, X. 332
 Wetterdienst an der Deutschen Seewarte: W. J. van Beber, VII. 118 †

METEOROLOGY

Meteorology—continued.

- Wichtigsten Bergobservatorien: F. Erk, XVI. 374 †
 Value of observations at sea: W. C. Hepworth, XIV. 233 †
 Métherie, De la; Bedeutung . . . für die Entwicklung der physikalischen Erdkunde: S. Günther, XVI. 180 §, 258 †
 Methfessel, A.: Der alto Paraná und die Wasserfälle des Rio Yguazú, VIII. 420 †
 Metis, volcanic island, XIV. 85
 Metric system in England, XI. 674
 Adoption of, in all scientific geographical work: H. R. Mill, XIX. 410 †
 Mètre versus pace: J. Dickson, VIII. 196 †
 Reports from Her Majesty's Representatives abroad, XVIII. 344 †
 Metzger, E.: Gedächtnisrede zu Ehren des . . . Herrn E. Metzger . . . Graf. K. von Linden, VII. 569 †; Verkehrsmittel und der Mensch, VII. 568 †; Württembergische Forschungsreisende, VII. 569 †
 Metzner, J. E.: Die älteste Stadtbeschreibung von Greifswald, XVII. 206 †
 Meuleman, E.: Animaux domestiques au Congo, VII. 442 †
 Meunier, S.: Application de la méthode expérimentale à l'histoire orogénique de l'Europe, VII. 117 †; Galets striés et terrains d'origine glaciaire, XX. 563 †; Géologie du bas Sénégal, XII. 99 †; New theory of old glaciers, XI. 441 †; Nos terrains, XIII. 451 †; Observations sur les pôles orogéniques, XX. 363 †; Œuvre scientifique de M. A. Daubrée, IX. 583 †; Progrès récents dans l'histoire des chaînes de montagnes, IX. 467 †; Ravin des Chevalleyres et la régression des torrents, XVII. 86 †; Sol de Madagascar, VI. 488 †; Rôle de la sédimentation souterraine, XIII. 451 †; Sur quelques circonstances . . . la chute d'une météorite, etc., XI. 206 †; Théorie du phénomène volcanique, XX. 659 §, 674 †
 —, Mme. S.: Voyage d'un Congrès en Russie, XII. 538 †
 Meurthe-et-Moselle, Mineral de fer de: M. Bleicher, IV. 374 †
 Meuse, river, II. 54
 Cours de la: A. Rutot, IX. 458 †
 Spéléologie de la: Brocard, VIII. 411 †
 Vallée de l'Ingrossin et ses débouchés dans la vallée de la Meuse: G. Bleicher, XVII. 524 §, 543 †
 Mewes, R.: Abhängigkeit der Nervenreizbarkeit der Völker, etc., XI. 207 †; Aufgabe . . . der Südpolarforschung, X. 123 †
 Mewius, F.: Borchgrevink's Südpolar-Expedition, XVII. 96 †; Zur Südpolarforschung, VII. 447 †

MEXICO

Mexico

- Annario del Observatorio . . . de Tacubaya, † V. 183; IX. 240; XVIII. 234
 Archipelago del Norte, X. 553 †; Do.: D. I. Rojas, X. 651 †
 Ascents in: A. R. Hamilton, X. 553 †
 Ausflug nach den Höhlen von Cacaahuamilpa, XI. 201 †
 Awakening of a nation, Mexico of to-day: C. F. Mummis, XIII. 94 †
 Bio-geography of: C. H. T. Townsend, VII. 333 †; XI. 316 †
 Botanical observations on Mexican flora: J. W. Harshberger, XIII. 323 †
 Boundaries—with Br. Honduras, X. 541; XI. 100 †; with Guatemala, XI. 201 †; Grenze zwischen Mexico und Guatemala: H. Polakowsky, VII. 115 †; Mexico-Guatemala Boundary Question: Romero, X. 650 †; with U.S.; re-marking, V. 487
 Census Report, XVIII. 209
 Century plant, Useful products of: W. B. Marshall, XIX. 774 †
 Chiapas, Tabasco, and . . . Yucatan, Geology: C. Sapper, IX. 342 †
 Chinipas aqueduct and mineral railway: E. G. Hottham, II. 380 †
 Climate, VI. 429; Clima de la República Mexicana: M. Moreno y Anda and A. Gomez, XVII. 556 †
 Coffee and india-rubber culture in: M. Romero, XII. 542 †
 Colonizzazione nel Messico: R. San Marco, XVIII. 234 †
 Cordillera of: O. H. Howarth, XVI. 371 †
 Cotton manufacturing industry in, XII. 542 †
 Cretaceous formations of, etc.: R. Hill, I. 568 †
 Determinación de la posición geográfica de México: F. D. Covarrubias, XVII. 556 †
 Deutschen Auswanderung in Mexiko: P. Lehzen, IX. 463 †
 Deutschum in Mexiko, XVI. 582 †
 Disertación hidrográfica: A. M. Domínguez, XIII. 456 †
 Drainage canal, Mexican: F. H. Cheeswright, VII. 444 †; VIII. 73 §; Drainage of valley of: J. B. Body, XVIII. 333 †
 Eruptive rocks of: O. C. Farrington, X. 650 †
 Estadística General: A. Peñafiel, IX. 464 †
 Ethnographie von Südost-Mexiko, etc.: C. Sapper, VII. 115 †
 Excursion à travers le Mexique: L. George, XIX. 401 †
 Federal District of (F. O. Rep.), XV. 298 †
 Folklore, Catalogue of objects illustrating: F. Starr, XVI. 489 †

MEXICO

Mexico—continued.

Geografía en Mexico, Los progresos de la : E. Noriega, XIX. 529 †

Geographical . . . notes on : M. Romero, XIII. 94 †

— sketch of (Bureau Amer. Republ.), XVI. 489 †

Geology of : H. F. Bain, X. 456 †

Glacial Action, VI. 425

Gummi-Kultur in Mexiko : H. Lemecke, XVIII. 334 †

History—Archæological studies among ancient cities : W. H. Holmes, VIII. 191 †; XI. 201 †; Auf alten Wegen in Mexiko und Guatemala : C. Seler, XVI. 701 †; XVII. 192 §; Biología Centrali-Americana, Archæology : A. P. Maudslayi, † VIII. 191; IX. 464; XI. 685; XIII. 457; L'histoire du Mexique : G. Routier, VI. 489 †; Mitla, ancient ruins and remains : W. Corner, XVII. 451 †; Remains of ancient habitations and caves, VI. 433; Sacred Maya stone and its symbolism, I. 470 †; Seler auf alten Wegen in Mexiko und Guatemala : K. Sapper, XVII. 452 †

Huichol Indians of : C. Lumholtz, XI. 455 †; Symbolism of : Id., XVI. 582 †

Illuminacion y Avalizamiento en las Costas de, XIX. 774 †

Indianer des südlichen Mexiko : Starrs Arbeiten über die, XVII. 212 †

Kakao-Kultur in Mexiko : H. Lemecke, XVIII. 334 †

Lord Lamington's travels in : J. P. Thomson, XIX. 234 †

Maps—Carta General del Estado de S. Luis-Potosi, VIII. 95; Karte der Verbreitung der Sprachen in Südost-Mexico, etc. : K. Sapper, VI. 298 †; Maps showing minerals and agriculture (Bureau of Amer. Republ.), XVIII. 118 †

Mexican colonies from Canary Is. : J. Campbell, XIX. 529 †

Mexicans in Costa-Rica, X. 82

Mexico : M. Romero, IX. 463 †

— as I saw it : A. Tweedie, XIX. 234 †

— das Land und seine Leute : H. Lemecke, XV. 441 †

Mexique : G. Routier, VI. 488 †

Native calendar of : D. G. Brinton, III. 73 †

New Mexico, The : J. W. Foster, XIX. 774 †

Nord-ouest du Mexique : H. Buttgenbach, XIX. 774 †

N. Mexico : C. Lumholz's researches in, II. 69; Notes on section of : J. G. L. Stephenson, XI. 424

Notizie sul Messico in attinenza cogli interessi italiani : R. Magliano, XVIII. 333 †

MEYER

Mexico—continued.

Oberflächenwasser im : A. Lindenkohl, VII. 452 †

Observaciones magneticas . . . Observatorio de Tacubaya : M. Moreno y Anda, XVIII. 457 †

Observatorio Astronomico Nacional, Longitud del, XVII. 556 †

Photographs : A. Krauss, XI. 692; J. G. L. Stephenson, X. 563

Picturesque Mexico : M. R. Wright, XIV. 120 †

Popocatepetl y los volcanes de Mexico : O. H. Howarth y E. A. Turnbull, XIII. 457 †

Posiciones geográficas . . . del Ayuntamiento de Mexico : Puga, XIII. 94 †

Rainfall in : K. Sapper on, X. 214; Type of, II. 369

Rapport de Mission : L. Diguët, XV. 84 †

Recent surveys under U.S. Hydrographic Office : G. W. Littlehales, X. 650 †

Reisen in Mexico and Guatemala : E. Seler, XI. 201 †

Relation sommaire d'un voyage au versant occidental : L. Diguët, XV. 441 †

Romero, M., work in, XIV. 94

Snow-peaks, XI. 553

Tabla de alturas : J. Felix and H. Leuk, X. 650 †

Terre chaude mexicaine : L. George, XX. 358 †

Territorial . . . Verhältnisse der Mexikanischen Republik : E. Deckert, XIX. 774 †

Topography of : H. M. Wilson, XI. 200 †

Trade Rep., † XIII. 94; XV. 298; XVII. 452; XVIII. 112, 641

Tribes, VI. 431

Valley of Mexico, lightness of soil, VIII. 151

Volcanoes of valley of : O. H. Howarth, VIII. 137 *; Im Reiche der Vulkane in Mexico : H. Lemecke, XX. 559 †;

Krater-Typen in Mexico und Guatemala : C. Sapper, III. 539 †; IV. 67 §

Mexico, Gulf of—

Across the Gulf by rail to Key West : J. B. Browne, VIII. 419 †

Elevation of Coast : T. W. Vaughan on, XX. 544

Gulf Stream and : A. Lindenkohl's observations on waters of, VIII. 181

Navigation of, and Caribbean Sea, etc. (U.S. Hydrographic Office), IX. 241 †

Observations of currents in Straits of Mexico : E. A. Haskell, IV. 89 †

River-Basins in domain of : Areas, XII. 183

Submarine Valleys, V. 386

Mexico, New : see New Mexico

Meyer, F. : Zur Kenntnis des Hunsrücks, XII. 92 †

MEYER

- Meyer, Hans; ascent of Peak of Teneriffe, IV. 274; Bruchspalten und Vulkane in Aequatorial Africa, II. 186 †; Ergebnisse meiner vierten ostafrikanischen Reise, XIII. 91 †; expedition to Mt. Kilimanjaro, XII. 80; Fourth journey in E. Africa, XII. 612; Gletscher des Kilimanjaro, XIV. 118 †; Heutige und einstige Vergletscherung im tropischen Ost-Afrika, XIX. 399 †; Höhenmessungen am Kilimanjaro, XIV. 681 †; Insel Teneriffe und ihre Bewohner, VII. 113 †, 331 †; VIII. 397 §; Kilimanjaro, Reisen und Studien, XV. 665 †; XVI. 352 §; Neue Kilimandscharo-Expedition, XIII. 562 †
- , Herrmann: biography, XVI. 132 †; Bogen und Pfeil in Central-Brasilien, VI. 393 †; Expedition to headwaters of Xingú, IX. 447; X. 215; (Second expedition), XII. 193; XIV. 324; XV. 423, 647; Ueber die Bugres, VIII. 420 †; Ueber seine Expedition nach Central-Brasilien, IX. 683 †; Verhältniss der Dampfschiffahrt zur Segelschiffahrt, XI. 448 †; Zweite Reise in Central-Brasilien, XIV. 341 †; Zweite Xingu-Expedition, XV. 668 †
- , P. C.: Erforschungsgeschichte . . . des Westsudan, XI. 95 †; Völker des West-Sudan, X. 462
- , T.: Reise . . . im Njika, XV. 82 †
- Meyer's Hand-Atlas, † XIII. 575; XIV. 239, 349, 467, 591, 695; XV. 93, 203; Historisch-geographischer Kalender, XI. 324 †
- Meyjes, R. P.: De astronomische Plaatsbepalingen . . . in Ned. Indië, XVIII. 549 †
- Mezara, Oman, VII. 534
- Mezières, Mission Bonnel de: C. Guy, XV. 297 †
- M'Fangs, Chez les: A. Foret, XX. 126 †
- Mfudo, Somaliland, I. 216
- Mfumbiro or Ufumbiro mts., C. Africa, XIII. 534; XVI. 172, 184, 228, 560; XVII. 529
- Mia Ko, Mantzu village, X. 36
- Miandab town, XIV. 519
- Miangas, Die Insel: A. Wichmann, XV. 286 §, 664 †
- Mián Kangi, Persia, XIX. 147
- Miao-tze country, XV. 149; people and dwellings, X. 33
- Mica mining in Nellore: R. W. Thompson, XII. 432 †
- Michălescu, N.: România Harta-Murală, VIII. 655
- Michael-Lévy, A.: Le Morvan et ses attachés avec le massif central, XIII. 451 †
- Michaux, visit to Muata Yanvo, X. 638
- Michel, C.: L'Ethiopie, Agriculture, voies de communications, avenir économique, XX. 124 †; Do., intérêts anglais et français, XVII. 552 †; Mission de

MISSLER

- Bonchamps, XVII. 552 †; XVIII. 299 §; (Résultats géographiques), XVI. 476 §, 487 †; (Surveys), XV. 177
- Michel, C. et J. Hansen: Mission de Bonchamps de Djibuti au Nil Blanc (Map), XVII. 222 †
- Michelet—Comment Michelet est devenu historien et géographe: L. Drapeyron, XIII. 100 †; XIV. 235 †; Michelet géographe: J. Corcelle, XII. 441 †
- Michie, A.: China in commotion, XI. 682 †; Englishman in China . . . Sir R. Alecock, XVII. 217 †; obituary, XX. 348
- Michigan—**
- Address at University of; Pageant of St. Lussou: J. Winsor, I. 473 †
- Crystal Falls iron-bearing district: J. M. Clements and H. L. Smyth, XVI. 371 †, 583 †
- Geothermal gradient in: A. C. Lane, XVI. 371 †
- Marquette iron-bearing district: C. R. Van Hise, W. S. Bayley, and H. L. Smyth, XI. 571 †
- Natural history survey: V. M. Spalding, XII. 214 †
- Pre-glacial drainage in: E. H. Mudge, XI. 98 †; Further notes: Id., XVI. 583 †
- Remarkable marl lake: C. A. Davis, XVII. 93 †
- , Lake: see Great Lakes
- Michikamau lake, Labrador, V. 531
- Michow, H.: Caspar Vopell, ein Kölner Kartenzeichner, III. 77 †; Geographische Ausstellung . . . in London, VII. 684 †; Schulgeographische Ausstellung zu Bern, 1891, III. 76 †
- Micronesia, XIII. 105
- Micro-organismes de la mer: Cussec, XIII. 686 †
- Middendorf, E. W.: Peru, . . . das Land und seine Bewohner, † III. 254; IV. 580; VII. 335
- Middendorf fjord, Siberia, XIX. 478
- glacier, Franz Josef Land, III. 495
- Middendorff, A. T. von; death of, III. 337
- Middlemiss, C. S.: Geology of Hazara, X. 120 †; Report on geological reconnaissance in part of S. Shan States, XVI. 577 †
- Middleton, G. A. T.: Surveying and surveying instruments, XX. 363 †
- Middleton I., Alaska; Notes on geology of: G. M. Dawson, III. 439 †
- Midhurst, Sussex, XV. 327
- Midima village, E. Africa, II. 414
- Mierisch, B.: Geologische Karte . . . der Republik Nicaragua, V. 510 †; Goldmine-Distrikte, etc., im östlichen Nicaragua, I. 383 †; Do., Reise nach, I. 378 †; Reise quer durch Nicaragua, VI. 98 †
- Miessler, A.: Biographies of A.

MIETE

Grandidier and F. M. Stapff, VIII. 196 †; Odoardo Beccari, I. 380 †; Oskar Borchert, VII. 339 †; M. D. Cowan, VII. 339 †; F. Dieterici, IX. 115 †; Prof. D. T. Euting, VII. 569 †; Prof. G. Fritsch, VII. 569 †; Ernst Oppert, V. 186 †; K. Ryder, IX. 115 †; S. Tromholt, IX. 115 †

Miete, C. Africa, XII. 246

Migration—in birds, etc.: T. H. Montgomery, VIII. 425 †; Migrations d'animaux, XV. 199 †; Phénomène de la Migration: E. van den Broeck, XIV. 123 †; Tribal migrations: L. Bartek, XVIII. 242 †; Urheimat und Wanderungen der Indogermanen, VII. 339 †; Wanderungen der Vögel: Floericke, XX. 108 §, 234, 250 †

Mihran of Sind and its tributaries: H. G. Raverty, I. 375 †; XI. 311 †, 432 §

Mijlas, Wadi, VII. 536

Mikhalich, Mysia, IX. 157

Mikindani, Bezirksamt: Berg, XI. 198 †

Mikolongo, E. Africa, II. 411

Milam, Tibet, II. 258; XV. 152; plants found at, XV. 157

—glacier, Himalayas, I. 66

Milanji, E. Africa: *see* Mlanji

Mildensee, M. G. von: Das Karlseisfeld, IX. 675 †

Mile—La Milla Romana: D. A. Blazquez, XII. 219 †; Realität der Existenz der Kleinen Mittelmeer-Meile, etc.: H. Wagner, XIX. 409 †; Ursprung der "Kleinen Seemeile," etc.: Id., XVII. 80 §, 217

Miles, S. B.: Across Green mts. of Oman, XVIII. 465 †; Journal of excursion in Oman, VII. 522 †

Milesian line of traffic with Greece, VIII. 615

Miletropolis, Mysia, IX. 156

Milhaud, A.: Climat du Maghreb el Akss, V. 607 †; Densité de la population française, XII. 92 †

Mili country, Sechuan, XV. 621

Mil-i-Nádiri, Persia, XIX. 159

Military geography: *see* Geography

—photography, Handbook of: C. J. Arbery, XV. 304 †

—sketching, On best method of teaching: A. H. C. Kenney-Herbert, VII. 567 †

—subjects, Synoptical charts applied to: B. R. Ward, XV. 675 †

—topography: W. Verner, IV. 475 †

Mill, H. R.—

Adoption of metric system in geographical work, XIX. 410 †

Antarctic research, XI. 572 †; XII. 381; Projects for Exploration, VIII. 194 †

Bathymetrical Survey of English Lakes, II. 165, 362, 376; III. 421; IV. 237 †; VI. 46, 135 †

MILL

Mill, H. R.—*continued.*

Bibliographies, Geographical, VII. 72

Britain and British Seas (Review of): XIX. 489

Classification of geography, XI. 145 *

Climate and effects of climate, XVIII. 647 †

Clyde Sea area; Distribution of temperature, V. 398 †; Physical conditions, IV. 344 *

Commercial geography, III. 124 *

Development of habitable lands, XV. 652 §; XVI. 131 †

Elementary commercial geography, XI. 325 †

English Lake district, XIII. 212 †; *see above*, Bathymetrical

Finland and its people, XV. 145 §

Fragment of geography of England, XV. 205 †, 353 †; XVI. 246 †

Geographical pictures, X. 475

—work of the future, V. 402 †

Geography as science in England, VII. 340 †

German Geographical Congress at Jena, IX. 645 *

Glacial land-forms of margins of the Alps, V. 68 *

Hints to teachers and students on choice of geographical books, X. 641 §; XI. 106 †

International geography, XIV. 656 §, 691 †

Lectures, II. 362, 455; IV. 562 †; V. 166; IX. 219; at Geographical Association, XI. 168; on geography and commerce, III. 362, 455

Meteorology on British Antarctic expedition, XIX. 239 †

New lands; their resources and prospective advantages, XVI. 568 §, 592 †

Oceanographical research in Loch Fyne, X. 632

—in Atlantic, XIX. 354 *

Pettersson-Nansen insulating water-bottle, XVI. 446, 469 *

Permanence of Ocean basins, I. 230 *

Proposed geographical description of British Is., VII. 345 *

Realm of Nature, V. 184 †

Remarks at Geographical Association meeting, XIX. 382; on "Annual range of Temperature," etc., XII. 135; "Antarctic voyage of the *Belgica*," XVIII. 393; on "Artesian water-supply of Australia," XIX. 572; on "Influence of geographical conditions," etc., XII. 587; on "Kumatology," XIII. 627; on "Limits between geology and physical geography," II. 531; on "Sand-waves in tidal currents," XVIII. 201; on "Seabeaches and sandbanks," XI. 649; on

MILL

Mill, H. R.—*continued*.

"Waterways of English Lakeland,"

VII. 624

Report . . . on circulation of water in Loch Fyne, X. 654†

Research in Geographical Science, XVIII. 407*

Retirement from librarianship of R.G.S., XVII. 69

Royal Society of Edinburgh's medal awarded to, III. 420

Study of local geography, XX. 251†

Temperature of soil, water and air, V. 397†

Terminology of sub-oceanic reliefs, XIV. 550; International terminology and nomenclature for forms of sub-oceanic relief, XIX. 407†

Town sites, from geographical point of view, XVI. 590†

Underground rivers, XIV. 404

Venezuela and Br. Guiana boundary, VII. 217†

Victorian era in geography, IX. 686†

Voyage southward of the *Discovery*—London to Madeira, XIX. 417*; With the *Discovery* to Madeira, XVIII. 395*

Mill, H. R., and A. J. Herbertson: observations on sea temperature round Scotland, III. 336; Reports on physical observation carried on by Fishery Board of Scotland, etc., III. 351†

—, and H. S. Wallis: Distribution of rain over British Isles during 1900, XIX. 229†

Mille, P.: Colonies juives et allemandes en Palestine, XIV. 116†; La Côte d'Ivoire, XVII. 92†; La vie commerciale et politique au Sénégal, XII. 99†; Voyage de A. Lebon dans l'Afrique occidentale, XII. 212†

Miller, Allister M.: Sketch-map of Swaziland, VIII. 539†; Swaziland, XVI. 251†

—, Arthur M.: Preglacial drainage in S.W. Ohio, XIX. 235†

—, C. A. Duff: New Brunswick, past and present, XVII. 451†

—, E. I.: Educational value of geographical study, XVII. 455†

—, F. H.: An old log, I. 280

—, G. S.: Local temperature control of distribution of mammals, XIII. 219†

—, H.: obituary notice: J. Horne, XI. 575†

—, K.: Die Ebstorkkarte, XVI. 131†; Mappæmundi, die ältesten Weltkarten, V. 288†, 407†; VI. 591†; VIII. 314†; IX. 248†; XII. 333†; XIV. 620§; XV. 130§, 378§; XVI. 319§

—, L.: Organic geography, XVII. 455†

—, W.: Balkans, Roumania, etc., IX. 103†; Travel and politics in the Near East, XIII. 210†

—, W. R.: Hausa notes, XIX. 657†

MINAS

Millet, F. D.: Danube from Black Forest to Black Sea, I. 179†

Millet et Scherer: Champ d'influence magnétique . . . de Belle Isle, IX. 464†

Millionième de la surface . . . pour l'estimation des étendues terrestres: A. Staggemeier, VIII. 197†

Millosevich, E.: account of Prince Ruspoli's journey, VI. 384; Commemorazione di Principe Ruspoli, VII. 223†; Discussione - delle osservazione . . . seconda spedizione Böttego, X. 340†; XII. 210†; Seconda spedizione Böttego, VIII. 531†; XVIII. 551†; Sulla opportunità che l'area delle suddivisione del Regno venga evaluata, etc., X. 451†

Millson, A.: obituary, VII. 668

Millsbaugh, C. F.: Coastal and plain flora of Yucatan, X. 341†; Contribution to flora of Yucatan, VII. 444†; Plantæ Utowanæ, XVI. 702†

—, and L. W. Nuttall: Flora of W. Virginia, VIII. 313†

Miln, L. J.: Quaint Korea, VI. 295†

Milne, Sir A.: obituary, IX. 332†

—, A. D.: Dry summer on Upper Nile, XV. 550†

—, F. A.: English topography, VII. 110†; IX. 574†

—, J.: Civil time, XIII. 173*; Federation of English-speaking people, V. 379†; Great sea-waves in Japan, VIII. 157*; Journal of seismology in Japan, II. 174; Large earthquakes recorded in 1899, XVI. 443; Movements of Earth's crust, VII. 229*; Notes on journey in N.E. Yezo, etc., III. 71†; observatories for recording earthquakes, VIII. 11; XII. 379; Photographs of natives of Yezo, I. 288†; Recent advances in seismology, XII. 329†; Recent seismology, XI. 573†; Recent volcanic eruptions in W. Indies, XX. 360†; remarks on "Exploration of Japanese Alps," VII. 149; Seismological investigation, IX. 685†; XII. 217†; Seismological work, X. 532, 534; in Japan, I. 161; Seismology, XIII. 544§; Sub-oceanic changes, X. 129*, 259*; Suggestion for systematic observation . . . of earth waves, etc., VIII. 423†; W. Indian eruptions, XX. 561†

—, and W. K. Burton: Volcanoes of Japan, I. 375†

Milner, A. (Lord): England in Egypt, I. 376†

Milo, Mineral resources of Is. of; W. H. Cottrell on, III. 55

Min river, China, VII. 201; X. 24; XII. 233

Minab, Baluchistan, XIX. 129

Minaef, I. P.: Travels to Marco Polo, XX. 242†

Minas Gerães—

Commissao Geographica e Geologica de, VIII. 314; Do., Organisação e Tra-

MINAS

Minas Gerães—*continued*.

- balhos: A. de Abreu Lacerda, IV. 284†
 Höhenklima des: F. Draenert, XI. 202†
 Journey to Diamond Fields of: H. D. Beaumont, XIII. 566†, 661§; XIV. 120†
 Lo stato di Minas Gerães: E. Negri, XVI. 127†
 Manganese ore deposits of Queluz district: O. A. Derby, XVIII. 458†
 Mindanao, Su Historia y Geografía: J. N. Aguilar, V. 508†
 Mindeleff, C.: Cliff ruins of Canyon de Chelly, XI. 435†; XVII. 214†; Influence of geographic environment, X. 234†; Origin of cliff dwellings, XII. 213†; Repair of Casa Grande ruin, Arizona, XI. 97†
 —, V.: Study of Pueblo architecture, Tusayan and Cibola, III. 73†
 Minerva: Jahrbuch der Gelehrten Welt: †III. 353; XI. 324; XV. 303; XVII. 218; XIX. 243
 Minervoix et la commune d'Olonzac: Blazin, IX. 231†
 Mine-surveying Instruments, Evolution of: D. D. Scott, XIV. 344†
 Mines and Quarries, General report and statistics, †XIV. 33; XV. 662; XVI. 258
 Mingo, lake and mt., Baffinland, XVIII. 32, 37
 Mingot, ancient underground city, V. 255; tombs, III. 450
 Minikoi atoll, Indian Ocean; XIX. 277, 279; Atoll of Minikoi: J. S. Gardiner, XVII. 526§; XVIII. 549†; Note on Flora of: J. C. Willis, XIX. 653†
 Minipi river, Labrador, V. 525
 Miriya pass, Somaliland, XI. 17
 Minkevitch, G.: Reise nach Mesched, IX. 339†
 Minkiang river, Travel along: Kinokuke, XIV. 334†
 Minneapolis and its environs: C. W. Hall, XX. 469†
Minnesota—
 Distribution of Keewatin in: C. W. Hall, XIV. 684†
 Formation and deformation of lakes of: C. W. Hall, II. 171§, 187†
 Geological and natural history survey, I. 377†; XVI. 126†
 Gneisses . . . of S. W. Minnesota: C. W. Hall, XVI. 583†
 Mammals of: C. L. Herrick, II. 187†
 Minnesota: C. W. Hall, XX. 469†
 Revision of moraines of: J. E. Todd, XIII. 324†
 Mino, Japan, earthquakes in, X. 533
 Mintaka pass, VIII. 26
 Minusinsk, Siberia; museum at, II. 169
 Minutilli, F.: Soluzione grafica di alcuni problemi di geografia matematica,

MISSISSIPPI

- XVII. 214†; Tripolitania, XIX. 400†;
 Variazione delle zone terrestri, I. 380†
 Miot, F.: Traversée du continent noir, IX. 576†
 Mirage—Observations de mirage: M. Hervé, XIX. 780†; Zur Theorie der Luftspiegelungen, IX. 111†
 Miramar, Lago, underground lake, Majorca, X. 511
 Mirbat, ancient town, VI. 124
 Miri fort, Kech Makurán, X. 223
 Miriam, M.: Causses et Cañons du Tarn. II. 378†
 Mirza, journey to Pamirs, VIII. 252
 Misahöhe—Meteorologischen Beobachtungen in: Gruner and E. Baumann, VIII. 311†; Ueber eine Reise nach Misahöhe und Kpandu, VIII. 418†
 Miocene beds, Mammalian fauna remains in, IX. 75
 Mischlich, A.; on Harmattan wind, XIV. 445; Reisebericht in Bismarckburg, X. 121†; Verbot der nationalen Gebräuche in Krobo, XIII. 560†
 Miseno, X. 418; fumarole at, X. 433
 —, Capo di, X. 416
 Misfiwa river, Morocco, V. 320
 Mis' hal, S. Arabia, XII. 59
 Mishmi country, Military report on: G. L. S. Ward, XIX. 653†; XX. 227§; Surveys by Robertson, XVIII. 439
 Misiones, Les, et les Chutes de l'Yguassu: J. B. Ambrosetti, IX. 108†; Misiones Award, VIII. 192†
 Mission river, Queensland, X. 98
Missions—
 American Board of Commissioners report, XV. 675†
 Centennial survey of foreign missions: J. S. Dennis, XX. 132†
 Church Missionary Atlas, VIII. 76§
 Conference on geography, XII. 547†
 Explorations . . . des missionnaires catholiques: V. Groffier, VIII. 536†; X. 656†
 Foreign Mission Atlas: G. Smith, XIX. 415†
 Free Church of Scotland, Missionary reports, †VIII. 536; X. 556; XIV. 691; XVI. 495
 Society for Propagation of Gospel in Foreign Parts, Report, XIV. 589†
Mississippi—
 Comparison of channels at New Orleans, VIII. 419†
 Delta of: E. L. Corthell, XII. 100†
 Devonian and Carboniferous in Upper Mississippi valley: C. Keyes, XI. 99†
 Flood heights, Changes in: G. McC. Derby, XVIII. 643†; XIX. 508§
 — of April, 1897: H. Gannett, XI. 98†
 Headwaters of: W. Glazier, II. 565†
 Hydrology of: J. L. Greenleaf, VIII. 419†

MISSISSIPPI**Mississippi—continued.**

- Influence of basins on flood heights: C. McD. Townsend, VIII. 419 †
 Lower rapids of: F. Leverett, XIII. 681 †
 Maps of: W. Davis, XIX. 775 †
 Mississippi basin (History of exploration in): J. Winsor, VI. 196 †
 Modern Mississippi problem: W. J. McGee, XI. 571 †, 670 §
 Mounds of Mississippi valley: L. Carr, IV. 378 †
 N. Mississippi, brown or yellow loam of, T. O. Mabry, XII. 327 †
 Origin of Loess of valley: T. C. Chamberlin, XII. 100 †
 ——— of Lower: L. S. Griswold, VII. 334 †
 Pendulum observations in Mississippi basin: G. R. Putnam on, VIII. 406
 Pike's expeditions to headwaters of: ed. E. Coues, VII. 444 †
 Pre-glacial man at headwaters of: J. V. Brower, VII. 565 †
 ——— valleys of: F. Leverett, VII. 114 †
 Problem of: H. Haupt, XIV. 120 †
 Reaction breakwater of: L. M. Haupt, XVI. 477 §, 583 †
 Sources of, VI. 285; Mississippi river and its source: J. Brower, V. 608 †; Question des sources du Mississippi: E. Levasseur, V. 183 †
 S.W. Pass of; proposed improvement, XVI. 477
- Missouri—**
 Bluffs of: L. A. Owen, XIX. 402 †
 Determinations of latitude, etc., of Laws Observatory: M. Updegraff, V. 284 †
 Fossil flora of lower coal measures: D. White, XVI. 583 †
 Geological survey, VII. 334 †
 Lead ores of S. E. Mo.: A. Winslow, VIII. 653 †
 Mapping of: A. Winslow, II. 475 †
 Missouri: C. F. Marbut, X. 457 †
 ——— river and its utmost source: Hon. J. V. Brower, VIII. 312 †; IX. 328 §, 579 †
 Moraines of Missouri Coteau: J. E. Todd, XI. 317 †
 Physical features of Mo.: C. F. Marbut, IX. 464 †, 665 §
 Rainfall type, II. 369
 Missouri-Indianern; Aus dem Tagebuch des Malers F. Kurz über seinen Aufenthalt bei den, VIII. 419 †
 Mistassini, lake, Labrador; survey, V. 514
 Misti mt., Bolivia, XIV. 24
 Mistpoeffers, Les: E. van den Broeck, IX. 112 †
 Mitchell, J.: In W. India, XV. 674 †
 ———, J. H., Oregon, its history, geography, and resources, VI. 197 †

MÖBIUS

- Mitchell, Sir T.: explorations in Australia, IX. 591
 Mitchell-Innes, N. G.: Dragon and Chrysanthemum, XI. 567 †
 Mitchelson, S. P.: Mineral map of Matabeleland, XII. 109 †
 Mitchelstown cave: E. A. Martel, XI. 309 †
 Mitete, position, IX. 390
 Mitre, B.: *Lenguas Americanas*, V. 609 †; Ulrich Schmidt, VII. 569 †
 Mittersee, lake, Alps, XVII. 303
 Mittu tribe, Sudan, VI. 467; XX. 618
 Mitumba mts.; cave dwellings, XI. 181: see Mokana:
 Mitylene—Ile de Mételin: B. Girard, XIX. 523 †; Ile de Mytilini: H. Hauteceur, XX. 354 †
 Mitzopolus, C.: Erdbeben von Theben und Lokris, V. 86 †; Do. auf der Insel Zante in Jahre 1893, II. 277 †; Do. von Tripolis und Triphyllia, XVII. 444 †; Eruption der Pechquellen von Keri in Zante, VIII. 395 §, 412 †; Karte der mittel-griechischen Erdbeben von 1893 u. 1894, IV. 582 †
 Miyako-jima, V. 296
 Mizon, L.: biography, XV. 91 †; Itinéraires de Yola à Dingui sur le Mayo-Kebbi, VIII. 417 †; Résultats scientifiques des voyages de, VII. 214 †, 272 §; Royaumes Foulbe du Soudan Central, VI. 195 †
 Mizzi, M. A. M.: Voice from Malta, IX. 677 †
 Mkata plain, XII. 190 †
 Mkinabo's village, E. Africa, IV. 430
 Mkloma hills, E. Africa, XV. 614
 Mkomo mt., temperature observations at, XI. 522
 Mkubwe river, C. Africa, I. 528
 Mkuyuni, Br. E. Africa, V. 554
 Mkwampura river, XI. 628
 Mlalo, E. Africa, IV. 427
 Mlanji or Milanji, mt., Br. C. Africa, II. 414, 418; V. 204, 206, 213; VII. 370; A. Sharpe's journey to, V. 169; Notes on geology of: T. H. Lloyd, V. 218 *
 Mlolo's village, E. Africa, II. 417
 Mlongezi river, S. E. Africa, II. 510
 Mlungusi river, C. Africa, IX. 59
 Mnawaria's, Rhodesia, XI. 625
 Moab, Ammon and Gilead: A. Heber-Percy, IX. 339 †
 ——— and Edom, recent investigations in: Sir C. W. Wilson, XIX. 770 †
 ——— and Gilead, Narrative of expedition to: F. J. Bliss, VII. 112 †
 Moape, Congo, XIX. 175
 Moaripe people, New Guinea, XVI. 271
 Moas of New Zealand, IV. 48
 Mobangi: see Ubangi
 Moberly, F. J.: Improvement of . . . Transport, VIII. 650 †
 Möbius, C.: Fang und Verwertung der

MOESBY

- Walfische in Japan, III. 437 †; Geographical distribution and habits of whales, IV. 266 *
- Mobsby: Steam traffic and trade on Upper Yangtse, XIX. 230 †
- Mobuko river, E. Africa: *see* Mubuko
- Moch, G.: Division décimale de l'heure, etc., VIII. 423 †
- Mochi, A.: Luigi Maria d'Albertis e sua opera scientifica, XIX. 409 †
- Moekler-Ferryman, A. F.: Br. Nigeria, XIX. 772 †; Daemne Vand or Rembesdal glacier-lake, Norway, IV. 524 †; Imperial Africa, XII. 541 †; XIII. 413 §; In the Northman's Land, Travel . . . in Hardanger Fjord, VIII. 317 †; Photographs of Norway, V. 192; VII. 344
- Moetezuma river; "trapezio" across, VI. 436
- Modder, F. H.: Ancient cities in Kurunégala district, X. 455 †; XII. 429 †; Geological . . . sketch of N.W. Province, Ceylon, XII. 429 †
- Modi, J. J.: Ancient name of Sanjân, XX. 242 †; Cashmere and ancient Persians, IX. 105 †; Cities of Iran as described in . . . Shatrôha-i-Iran, XVI. 578 †, 698 †; Etymology of towns of C. and W. Asia, XVI. 485 †
- Modigliani, E.: Fra i Batacchi Indipendenti, III. 252 †; L'Isola delle Donne; Viaggio ad Engano, III. 438 †; (review by F. H. H. Guillemard), IV. 153 §; Materiale per lo studio dell' isola Sipôra, XII. 96 †; Un viaggio ad Engano, V. 282 †
- Moe, O. F.: Minder fra Alaska, XVI. 489 †
- Moedebeck, H.: Die Polar-Forschung mittelst Luftballons, VI. 585 †
- Moels, Origin and subsequent dissection: J. E. Marr, XVII. 63 †, 681 †
- Moen and Rügen, Chalk and drift in: T. G. Bonney and E. Hill, XIV. 674 †
- Moerieke, W.: Geologisch-petrographische Studien in den chilenischen Anden, IX. 579 †
- Moeris, lake, XVIII. 302
- Ein altes Heiligtum an den Ufern des: G. Schweinfurth, VII. 214 †
- Moeris and Fayum: R. H. Brown, I. 55 §
- Moeris-See nach den neuesten Forschungen: G. Schweinfurth, II. 379 †
- Moero, lake: *see* Mweru
- Moeurs, Boussand, et Grosclaude: Madagascar, XI. 314 †
- Moewis, P.: attempt to reach Lhasa, VII. 95
- Moffat, Robert and Mary, Lives of: J. Moffat, XV. 676 †
- Mofwe lake, C. Africa, I. 449
- Mogador, nach dem Reisebericht S. M. S. *Charlotte*, XVI. 369 †
- Mogharrar hills, Egypt, XX. 505

MOISEL

- Moghreb-el-Aksa, Au: H. Goll, XI. 199 †
- Mogilnoe lake, Change of level: B. A. Rippas, XI. 193 †
- Mogk, E.: Entdeckung Amerikas durch die Nordgermanen, II. 279 †
- Mogucz, E. H.: La Crête autonome, XIV. 455 †
- Mogul, Mahratta, and Sikh empires: Sir W. Rattigan, XV. 549 †; Moghuls of C. Asia: N. Elias and E. D. Ross, XIII. 319 †
- Mogunda, height and position, IV. 436
- Mohamed Gol, Sudan, VIII. 340
- Mohammedan aggressions in Abyssinia, IX. 317; Insurrection in Kansu, VI. 567
- Mohammedanism, has it any future?: C. H. Robinson, XI. 576; *see* Islam
- Mohawk Valley, XIII. 514; Topography and glacial deposits: A. P. Brigham, XIV. 584 †
- Mohit, Topographischen Capitel des indischen Seespiegels, X. 455 †; XI. 76 §; Do., Bemerkungen zum: Meldau, XIII. 677 †
- Mohn, H.: Bemerkungen über die Schwere-Korrekturen der Barometerhöhen, XVII. 681 †; Ergebnisse der meteorologischen Beobachtungen der Norwegischen Polar-Expedition, XIX. 405 †; Grundzüge der Meteorologie, XI. 458 †; Hypsometer als Luftdruckmesser, XIV. 464 †; XV. 444 †; Jahrbuch des Norwegischen Meteorologischen Instituts, † VII. 676; X. 226; XV. 547; XVII. 445; Klima-Tabeller for Norge, † XII. 538; XIV. 112; XVI. 362; XVIII. 547; map of King Charles Land (facsimile), XIV. 69; Meteorologische Beobachtungen in Norwegen, IX. 496 †; Nansen's N. Polar expedition and its scientific results, VIII. 389 †; Oen Jan Mayen, I. 88 †
- and F. Nansen: Wissenschaftliche Ergebnisse von Dr. Nansen's Durchquerung von Grönland, I. 88 †
- Mohorovićić, A.: Der Tornado bei Novska, III. 435 †
- Mohun: Congo State telegraph expedition, XIX. 89; Explorations on Upper Congo and tributaries, V. 80
- Moi tribe, Annam, XV. 176; Au pays du Moïs: Comte de Barthélemy, XV. 295 †; Incursion chez: P. d'Enjoy, VII. 111 †
- Moir, J.: meteorological observations at Lauderdale, XV. 420
- Moir's lake, Rhodesia; P. H. Selby's visit to, XV. 179, 228
- Moise, Sources de: A. A. Boddy, XIX. 772 †
- Moisel, M.: Begleitworte zu der Karte des Ramu-flusses, XVII. 680 †; Do., Die Flussgebiete des Mungo und Unteren Wuri, XIX. 657 †; Karte von Deutsch-Ostafrika, XX. 134 †; Konzessionsgebiet der Gesellschaft Nord-west-Kamerun (map), XVI. 379 †; Stuhlmann's Aufnahmen im Gebiet des

MOISEL

- Albert- und Albert-Edward-Sees (map and letterpress), XIX. 536 §, 771 †
- Moisel and Kiepert: Karte von Deutsch Ost-Afrika, IX. 586 †
- Mojanga, Madagascar, VI. 238; Région de, XIV. 337 †; Son importance et son avenir, G. Landrien, V. 89 †
- Mojave plateau, California, I. 537
- Mojib, Wadi, Exploration of: P. Cady, XVII. 675 †; XVIII. 85
- Mojos, ancient lake of, XII. 398
- Mojsisovics, A. von; death, X. 642
- , E. von; biography, X. 545, 642; Organisation der Erdbebenbeobachtungen, XIII. 86 †; Ueber den chronologischen Umfang des Dachstein-Kalkes, X. 451 †
- Mokana, Les galeries souterraines de (Mitumba mts.): L. Cerckel, XI. 181 §, 313 †
- Mokpo, Korea, XIV. 561
- Moktar Pacha: La figure de la terre connue des anciens Egyptiens, V. 402 †
- Molard, J.: Cours de Géographie, etc., VI. 200 †; VII. 224 †
- Moldau, District round sources of: J. Peter, IV. 83 †
- Moldenhauer, P.: Niederschläge im nord-westlichen Deutschland, VII. 439 †; VIII. 394 §
- Moldovan, S.: Literatura geografică a Transilvaniei, XV. 434 †
- Molengraaff, G. A.: Géologie de la République sud-africaine, XX. 246 †; Geological survey of S. African Republic, XX. 246 †, 632 §; geological explorations in Borneo, VI. 573; Geologische Verkenningstochten in Centraal-Borneo, XVIII. 230 †, 295 §; Niederländische Expedition nach Zentral-Borneo, VII. 110 †; Stromkarte von W. Borneo, VI. 492 †
- Molesworth, Sir G. L.: Photographs of Br. E. Africa, etc., XIV. 352; Report on Uganda railway, VII. 112 †; VIII. 417 †; XII. 541 †; XIV. 209 §, 338 †; Uganda railway, XIX. 658 †
- Molino, E.: Navigation, Nomogrammes, XV. 87 †
- Molinié, M. H.: Chemin de fer trans-andin du Pérou, XVII. 559 †
- Moliro, position, XVII. 659
- Mollendo, cable interruptions near, X. 265, 267
- Moller, A. F.: on wild domestic animals on São Thomé, XX. 340
- Möller, P.: Iakttagelser under en resa i sydvästra Afrika, XII. 211 †; Resa i Afrika genom Angola . . . och Damara-land, XV. 194 †
- Molluscs of W. Indian region, Distribution of land and fresh water: C. T. Simpson, VIII. 421 †
- Molokai, Der Phallusberg von: A. Krämer, XI. 319 †

MONCHICOURT

- Moloney, J. A.; obituary, VIII. 524; With Capt. Stairs to Katanga, II. 379 †; Stairs expedition to Katangaland, II. 238 *
- Molopa river, Kalahari, I. 328, 337
- Moltke, H.: Meddelelser om Grönland, XX. 249 †
- Moltke mts., New Zealand, V. 62
- Moluccas—
- Discovery of: O. Warburg, VII. 365 *
- Exploration zoologique aux fles Moluques et à Bornéo: Kukenthal, VIII. 651 †
- Küstenkunde des Molukken-Archipels, XVII. 674 †
- Ueber seine Reise in der Molukken: K. Martin, V. 181 †
- Wer ist der Entdecker der Gewürz-Inseln?: O. Warburg, VII. 563 †
- Molyneux, A. J. C.: Map of Sengung district, S. Rhodesia, XVIII. 294 *
- Mombasa—
- Physical features of Neighbourhood, V. 560
- Railway from, to Uganda: see Uganda
- Road to Kibwezi, V. 80; to Uganda, VI. 301; VII. 662
- Mombo ruins, Matabeleland, XIII. 388
- Mona und Monito, Die Inseln: T. Hübener, XIII. 566 †
- Monaco, Albert Prince of: Campagnes scientifiques de la *Princesse Alice* (premières), V. 397 †; (deuxième), VII. 220 †; VIII. 300 §; (troisième), IX. 245 †; (quatrième), XI. 458 †; Do, de la *Princesse Alice II* (première), XIII. 569 †; (deuxième), XV. 672 †; (troisième), XX. 364 †; (Résultats des Campagnes Scientifiques), XII. 217 †; XVI. 588 †; XVIII. 555 †; XIX. 533 †; Dernier voyage scientifique de *l'Hirondelle*, XX. 250 †; Discovery of fishing bank near Azores, IX. 93; Exploration océanographique aux régions polaires, XIV. 343 †; Oceanography of N. Atlantic, XII. 445 *; Some results of my researches, etc., XII. 639 †; work in Mediterranean and Atlantic, IV. 368; IX. 566
- Monaco—Musée océanographique de, XIV. 345 †
- Monahan, F. J.: Crop Experiments in Assam, XI. 195 †; Report of Department of . . . Agriculture, Assam, XII. 431 †; River-borne trade of Assam, XI. 683 †
- Monastir; Der Golf von: R. Fitzner, VIII. 308 †; Il Vilaiet di; Cav. O. G. d'Aragona di Castelmola, XX. 553 †
- Monbeig, T.: Voyage en pays thibétains, XVIII. 549 †
- Monbutt, tribe, VI. 466
- Moncelon, L.: Le café à la Nouvelle-Calédonie, X. 123 †
- Monchicourt, C.: L'expédition de Djidjelli, XII. 630 †

MONCKMAN

- Monckman, J.: Glacial geology of Bradford, XIX. 105 †
- Monckton, G. F.: Mining districts near Kamloops lake, Br. Columbia, XVI. 125 †
- , H. W.: Examples of marine and subaërial erosion, XX. 563 †; Hardanger lakes, XV. 294 †; Origin of gravel-flats of Surrey and Berkshire, XIX. 229 †
- Moncousin, M.P.: Notes sur les Tehuelches, XVI. 253 †
- Money, R., and K. Smith: Explorations W. of Lake Nyasa, X. 146 *
- Money—
- Afrikanisches Steingeld: H. Schurtz, XIX. 773 †
- Entstehungsgeschichte des Geldes: H. Schurtz, X. 556 †
- Foreign moneys and weights and measures, Conversion tables, XVII. 457 †
- Lecture upon Locke's School of Money: J. H. Norman, XVII. 683 †
- Money and Prices in Foreign Countries, etc.: Consular Reports, IX. 687 †
- , Weights, and Measures of Chief Commercial Nations: W. A. Browne, XIII. 689 †
- Stone money of Yap islanders, XIII. 129, 132
- Mongala, trib. of Congo, XX. 494; Gebiet des Mongalafusses: F. Thonner, X. 649 †
- Mong Hang, subterranean river at, VII. 582
- Mongolia—**
- Atlas der Alterthümer der Mongolei: W. Radloff, XVII. 446 †
- Buddhismus in der Mongolei: G. Smith, VIII. 92 †
- Chaffanjon, journey in, VIII. 550; IX. 220
- Chinese advance in, XI. 506
- De Pékin à la frontière russe: Franke, XI. 195 †
- Excursion to: V. Malleson, XI. 195 †
- Geology of C., V. 264
- Glaciers of: D. Klemenz, XI. 311 †
- Inscriptions de l'Orkhon: E. H. Parker, XVI. 247 †
- Itineraries in: E. Bretschneider, II. 185 †
- Journey in Mongolia and Tibet: W. W. Rockhill, III. 357 *; Do., Diary of: Id., V. 506 †
- Kozloff, expedition to, XVI. 100
- Kunchir root industry in: N. Shatin, XI. 195 †
- Memoirs on Mongol encampments: P. A. Popoff, VI. 555 §
- Mongolei; Ethnographische Skizze: A. Iwanowski, VII. 111 †
- Mongolia and Mongols: A. Pozdnéeff, IX. 441 §

MONTANA**Mongolia—continued.**

- Mongolia, with introduction on partition of China: W. Gowan, XI. 682 †
- Mongols, II. 446; VIII. 171
- More about the Mongols: J. Gilmour, II. 89 †
- Notes of a journey in N., in 1893: A. A. Borradale, V. 562 *
- Obrucheff's explorations in, V. 260
- Photographs: I. Morse, XVI. 380
- Rhinoceros remains in: M. Obrucheff's discovery of, XV. 60
- Reise nach Urga: H. Leder, III. 347 †; Sommerreise in der nördlichen Mongolei: Id., V. 508 †; VI. 295 †
- Russian expeditions, XI. 177
- Table of heights above sea-level, III. 387
- Towns of N. Mongolia: A. Markoff, VII. 440 †
- Trade, VIII. 171
- Two Months' Trip into Mongolia: C. N. Buzzard, IX. 459 †
- Ueberreste von Rhinoceros sp. aus der östlichen Mongolei: E. Suess, XV. 60 §, 295 †
- Urga in der Mongolei: E. Graf Zichy, XIII. 320 †
- Voyage en Mongolie: Baron de Batz, XIX. 396 †; Do. M. Geluy, XVII. 87 †
- Voyages de D. Klementz en Mongolie occidentale, XV. 191 †, 278 §
- Zichy, Count; journey in, XIII. 66
- Monistrol-Montserrat rack railway: A. Collett, VI. 589 †
- Monkeys of Neotropical region, V. 474; of Palaearctic region, X. 86
- Monmouth and Wales, Bibliographical, etc., memoranda on, IX. 236 †
- Monnier, Auf den: F. Mader, XIV. 330 †
- Monnier, M.: A travers la Corée, XV. 549 †; Itinéraires à travers l'Asie, XIX. 651 †; journey through Ivory Coast Protectorate, IV. 458; La Chine d'aujourd'hui et de demain, XV. 435 †; On Binger's expedition from Ivory Coast to Sudan, I. 163; Une jeune colonie (Ivory Coast), IV. 282 †
- Monod, M. H. G.: En Chine, XVIII. 548 †
- Monomotapa, its monuments, etc.: Hon. A. Wilmot, IX. 239 †, 325 §
- Monotremes of Australia, IV. 38
- Monroe, W. S.: Geographic instruction in Germany, IX. 687 †
- Monroe doctrine: Sir F. Pollock, XX. 669 †
- Mons of Siam, VI. 544
- Monséjour, A.: Province de Constantine, XV. 193 †
- Montana—**
- Granites of Carbon county: J. P. Kimball, XIV. 584 †
- Geology of Castle Mountain mining

MONTANA

- Montana—continued.**
 district: W. Weed and L. Pirsson, XII. 100 †
 Mining and metallurgical industry in Butte district (F. O. Rep.), XVII. 324 †
 Montana and Idaho boundary line, XI. 669; XV. 422 †
 Montaner, R.: *Limites con la República Argentina*, VII. 217 †
 Montañas, Canal de las, XIV. 255
 Montbard, G.: *Among the Moors*, IV. 87 †
 Mont Blanc: *see* Blanc, Mont
 Montclavel, R.: *De Cayenne à l'Oyapock*, XVII. 558 †
 Montefiore, A.: *Fuller study of geography*, IV. 473 †; *Geographical methods*, VI. 397 †; *Jackson-Harmsworth Polar expedition*, VI. 499*; *letter on forgotten visits to Kolgueff*, I. V. 277; *Note on geography of Franz Josef Land*, III. 492*
 Montefoltro: E. Rosetti, XX. 465 †
 Monteil, P. L.: *De l'Atlantique à la Méditerranée par le lac Tchad*, II. 279 †; *Explorations in N.W. Africa*, II. 20; (return), I. 70; *Positions déterminées astronomiquement*, IV. 87 †; *Reception du (Paris Geogr. Soc.)*, I. 377 †; *St. Louis à Tripoli*, V. 607 †; VII. 270 †; *Voyage au lac Tchad*, VI. 296 †
 Montelius, O.: *Earliest communications between Italy and Scandinavia*, XVII. 545 †, 656 †; *Tyrrenians in Greece and Italy*, IX. 573 †
 Montell, A.: *Au lac Tchad*, XIII. 455 †; *Chemin de fer du Dahomey*, XIX. 527 †; *Convention franco-espagnole en Afrique*, XVII. 450 †; *Domaine colonial de la France*, XVI. 376 †; *Marche de la Mission Marchand*, XIII. 455 †; *Organisation du Bas Chari*, XX. 356 †; *Premier partage de la Chine*, XII. 95 †
Montenegro—dress and customs, IV. 388, 390, 397; W. H. Cozens-Hardy's work in, II. 26, 484
 Albanesi nel Montenegro: A. Baldacci, XII. 428 †
 Au Monténégro: V. Levy, XV. 547 †
 Bibliography of: M. Dragovna, I. 374 †
 Botanischen Reise nach: B. Horák, XIV. 112 †
 Escursione archeologica del R. Paribeni nel: A. Baldacci, XIX. 391 †
 Frontiers of: W. H. Cozens-Hardy, VIII. 188 †
 Geographical study of: Sobieski, I. 564 †
 Hassert, K.: *Fusswanderung durch*, I. 180 †; *Gletscherspuren in*, XIX. 650 †; *Geologische Uebersichtskarte von*, VI. 297 †; *Journeys in*, III. 508*; *in mountains of*, I. 468 †; *Land formation of*, III. 345 †; *Map*, III. 354 †; *Montenegro auf Grund eigener Reisen*, III. 529 †; *Name Montenegro*, V. 279 †; *Natürlichen und politischen*

MOON**Montenegro—continued.**

- Grenzen von*, VII. 109 †; *Reise durch*, 1900, XIX. 228 †; *Zur kartographischer Kenntniss von*, V. 179 †
 Lac de Scutari et la Boiana: G. Lelarge, I. 82 †
 Montenegrin sketches, XX. 465 †
 Montenegro and its borderlands: W. H. Cozens-Hardy, IV. 385*; R. J. Kennedy, IV. 186 †
 ———, *Bosnie, Herzégovine*: H. Avelat et J. de la Nézière, XX. 351 †
 ———, *its past and present*: S. P. Rovinsky, III. 345 †
 Mountains of, and Albania: W. H. Cozens-Hardy, VI. 292 †
 Nel Montenegro, *Impressioni di viaggio*: G. Cora, XX. 240 †
 ———, *sub-orientale*: A. Baldacci, XX. 239 †
 Photographs: Hon. Mrs. Kennedy, XI. 111
 Settimo viaggio nel: A. Baldacci, XII. 625 †
 Trade, XII. 428 †
 Monte Nuevo, fumaroles, X. 433
 Montessus-de-Balloire, F. de; *on distribution of earthquakes*, X. 534; *Régions Balkaniques et l'Anatolie sismique*, XVIII. 114 †; *Relation entre le relief et la sismicité*, VI. 394 †; *Seismic phenomena in British Empire*, IX. 347 †
 Montet, E.: *Mission to Morocco*, XIX. 772
 Montezuma caves, etc., Mexico, VI. 434
 Montgomery, T. H.: *Extensive Migration in Birds*, etc., VIII. 425 †
 Montikwiri, Mt., VI. 37
 Montpellier, *Basaltic formation of*: L. F. Viala, I. 467; *Enceintes successives de la ville de: Vigie*, XII. 624 †; *Growth of*: L. Coste, III. 529 †
 Montreal and St. Lawrence Route, XIII. 456 †; *Export Trade*, XI. 316 †; *Longitude Determinations*: C. H. McLeod, V. 183 †
 Montrose, *Sand-wave observations at*, XVIII. 178
 Mont St. Michel, *Transformations de la Baie du*, XIII. 675 †; XIV. 204 †
 Montserrat, Au: E. Richet, XVIII. 322 †; *see* Monistrol
 Mont-Ventoux, *La géographie du*: E. Barrême, XV. 293 †
Moon—
 De l'influence des mouvements de la lune: P. Garrigou-Lagrange, XII. 103 †
 Influence of moon on life of the earth and its atmosphere: Z. Majewski, XVIII. 647 †
 Méthode des distances lunaires: E. Guyou, XX. 363 †
 Photographic Atlas: L. Weinek, X. 348 †

MOON

Moon—*continued*.

- To find angles from vertex of the moon, etc.: E. A. Reeves, XI. 165
- Theory of lunar surfacing by glaciation: S. E. Peal, VI. 199 †
- , Mountains of the, C. Africa (*see also* Ruwenzori), I. 229; XI. 299; XVII. 19; First ascent of one of the snow ridges of: J. E. S. Moore, XX. 245 †; Les Montagnes de la Lune: P. Puiseux, IX. 345 †; To the Mountains of the Moon: J. E. S. Moore, XVIII. 231 †, 303 §
- Mooney, J.: Siouan tribes of the East, VI. 216 †; Ghost-dance religion and Sioux outbreak, XI. 98 †
- Moore, A. W.: Alps in 1864, ed. A. W. B. Kennedy, XIX. 765 †; XX. 638 §
- , H.: Constitution of Commonwealth of Australia, XIX. 659 †
- , H. C.: on tidal wave in Wye and Severn, III. 232
- , H. S.: Law relating to charts and sailing directions, XVIII. 646 †; New rules of the road at sea, IX. 688 †
- , J. B.: Boundaries of U.S., XIX. 401 †
- , J. E. S.: expeditions to African lakes, VIII. 72; IX. 221; XIII. 69, 528; XV. 279, 389, 417, 644; XVI. 228; First ascent of . . . the Mountains of the Moon, XX. 245 †; Further researches concerning molluscs of great African lakes, XX. 245 †; Marine fauna in Lake Tanganyika, XII. 542 †; on geological history of Lake Tanganyika, XII. 313; On zoological evidence for connection of Lake Tanganyika with the sea, XII. 98 †; Physiographical features of Nyasa and Tanganyika districts, X. 289 *; remarks on "Uganda Protectorate," etc., XIX. 40; soundings in Lake Nyasa, XIV. 319; Tanganyika and countries north of it, XVII. 1 *, 676 †; To the Mountains of the Moon, XVIII. 231 †, 303 §
- , S.: Origin of Australian flora, XV. 85 †
- , T. B.: Glaciation in Tasmania, IX. 344 †
- , W. C.: Physiography of land forms, XVII. 454 †
- , W. L.: Storms and weather forecasts, IX. 685 †; U.S. daily atmospheric survey, XI. 97 †; XII. 176 *; Weather Bureau, XVIII. 642 †; Do., river and flood system, VIII. 654 †
- , W. W.: Physical conditions of water of Færoe channel, IX. 583 †; Soundings and temperature observations in the same, IX. 564; Tidal currents in Straits of Dover, XV. 445 †
- Moors: *see* Morocco
- Moos, N.: Magnetical . . . observations made at Government Observatory, Bombay, XV. 80 †; XVIII. 455 †; Short note on disturbance of magnetical . . .

MORENO

- instruments at Colaba Observatory, XVI. 577 †
- Moose river basin, Huronian of: W. A. Parks, XVII. 556 †
- Mopane tree, of Mashonaland, V. 36
- Mopharitis or Mapharitis region, II. 45
- Moraca river, Montenegro, IV. 386
- Moraes, J., and J. Ferreira: Photographs of St. Paul de Loanda, etc., XV. 204
- Moraines—classification, etc., of, XVI. 233; Geschichte der Moränenkunde: A. Böhm, XIX. 532 †; Innere Struktur der Mittel-Moränen: S. Finsterwalder, XVIII. 114 †; Moraines of recession . . . in glacial theory: F. B. Taylor, X. 653 †
- Moraleda, Don J. de; journey in Patagonia, XVI. 21
- Morambala mt., E. Africa, II. 406
- Moran, Cardinal; on Quiros and discovery of Australia, XVI. 479; Was Australia discovered by De Quiros in 1606? XIX. 377 §, 530 †
- , T. F.: Rise and development of the bicameral system in America, VI. 392 †
- Morano, F.: Conduttività termica nelle rocce della campagna romana, XII. 639 †
- Moran, height, IX. 390
- Morant, G. C.: Photographs of Sakai natives of Malay Pen., VIII. 540
- , R. L.: remarks on "Journey round Siam," VIII. 451 †; Siam and her neighbours (map), VI. 104
- Moravia—Holsteiner Thal; eine Karststudie aus Mähren: R. Trampler, XIV. 576 †; Moravia: M. de Proskowetz, I. 82 †; 'Ochoser Höhle in Mähren: R. Trampler, VIII. 410 †
- Moravian Missionaries' explorations in Queensland, X. 98; Periodical accounts of missions, XIV. 237 †, XVI. 376 †
- Moray, Distribution of erratics over E.: W. Mackie, XVIII. 228 †
- Moreing, C. A.: All-British railway to China, XIV. 678 †; Business tour in China, XII. 539 †
- Moreira de Sa: De Portugal à India, A viagem de Vasco da Gama, XII. 640 †
- Morel, E. D.: Congo State and Bahr-el-Ghazal, XIX. 232 †
- Moreno, F.: Peru; Las irrigaciones de la Costa, XVII. 325 †; XIX. 403 †
- , F. P.: Excursion aux territoires du Neuquen, etc., XIII. 197 §; Explorations in Argentine Republic, VIII. 518; in Patagonia, XIV. 241 *, 353 *; XVII. 95 †; letter on discovery of Bariloche Pass, XVII. 204; on H. Steffen's explorations in S. America, XIV. 219; Notes on anthropogeography of Argentina, XVIII. 574 *; Reconnaissance de la région andine, XI. 686 †; Scenery of Argentina, XX. 359 †

MORES

- Mores, Marquis de, Expedition des: G. Thilenius, IX. 577 †
- Moretton bay, coral reefs of, II. 542
- Morfill, W. R.: Poland, II. 88 †
- Morgan, A.: Advanced physiography, XIX. 239 †
- , Hon. A.: Discovery and development of Darling Downs, XX. 562 †
- , E. D.: Mountain systems of C. Asia, IV. 187 †; Notes on early discovery of Australia, III. 535 †; Pevts of expedition and M. Bogdanovitch's surveys, II. 55 †; Recent explorations in Tibet, II. 458; remarks on "Journey across C. Asia," III. 474; on "Journey across Tibet," I. 406; VII. 481; on "Journey in Mongolia and Tibet," III. 386; on "Pre-Columbian discovery of America," V. 235; on "Four years' travel in C. Asia," XI. 413; on "Stairs expedition to Katangaland," II. 246; on "Three years' travel in Congo Free State," V. 445; Russian work in Novaya Zemlya, X. 472
- , E. V.: Samoan islands, XVII. 214 †
- , J. de: Mission scientifique en Perse, V. 88 †; VI. 177 §; VII. 112 †, 331 †; VIII. 474 §; IX. 237 †; XI. 452 †; Relation sommaire d'un voyage en Perse et dans le Kurdistan, II. 473 †
- , J. T.: Duty of annexing Hawaii, XIII. 96 †
- Morgen, C.: Durch Kamerun von Süd nach Nord, I. 183 †
- Mori, A.: Carte d'Italie, XVIII. 321 †; Do. del secolo XV., etc., X. 452 †; Formazione di un nuovo laghetto presso la Falterona, XIII. 452 †; Il Maggiore Gaetano Casati, XX. 131 †; L'area delle minore isole italiane, IX. 336 †; L'aumento della popolazione in Toscana, XI. 565 †; La cima più alta della Sardegna, XX. 120 †
- Morice, Father: Notes, archæological, etc., on Western Dénés, III. 533 †
- Moritz, B.: Excursion aux oasis du desert libyque, XVII. 553 †
- Morinnia, altitude, X. 394
- Morley, A. L. Y.: Use of wind power in village water supply, XI. 577 †
- Morocco**—
- Arabic-Vulgar of Morocco: J. Lerchundi, XVII. 676 †
- Atlas Marocain d'après les documents originaux: P. Schnell, XIII. 215 †; Reisen im Marokkanischen Atlas: F. Fischer, XIV. 228 †; Do. Wissenschaftliche Ergebnisse: Id., XVII. 450 †
- Bibliography of: Sir L. Playfair, I. 262 §, 280 †
- Climat du Maghreb el Akse: A. Milhaud, V. 607 †
- Djebala du Maroc, etc.: E. Doutté, XV. 82 †

MOROCCO**Morocco—continued.**

- Documents pour servir à l'étude du Nord-ouest Africain: A. Bernard, X. 552 †
- Etudes géographiques sur le Maroc: Weisgerber, XVI. 369 †
- Géographie générale du Maroc: J. Canal, XX. 356 †
- Geology of S. Morocco and Atlas mts.: J. Thomson, XIII. 194 §; XIV. 337 †
- Grammatica linguæ Mauro-Arabicæ, II. 383 †
- Klima der Westküste von Marokko: J. Hann, XVIII. 110 †; Klimatologie von Marokko: T. Fischer, XVIII. 91 §, 110 †
- Land of incredible barbarity: Earl of Meath, IV. 189 †
- Land of the Moors: B. Meakin, XIX. 107 †, 198 §
- Maps—Carte de Maroc: R. de F. de Roquevaire, IX. 247 †; Reisewege im Atlas-Vorlande von Marokko: T. Fischer, XVII. 221 †
- Maroc: Rouire, X. 552 †; Do.: M. E. Solone, XVII. 676 †
- actuel et la cour Chériffienne: G. Delbrel, XX. 57 †
- français: L. Kryszanowski, XV. 552 †
- Marokkanische Städtebilder: G. Rohlf, II. 278 †
- Marokko: K. Floericke, XIX. 657 †; Do.: W. Jaap, XIX. 657 †
- Moorish Empire: B. Meakin, XIV. 682 †
- Morocco and its races: C. Rolleston, III. 252 †
- scare: W. B. Harris, XVI. 581 †
- Nomadic Berbers of C. Morocco: W. B. Harris, IX. 638 *
- Notes on: I. L. Bishop, XIX. 107 †
- Notes sur Maroc: Comte de Couronnel, XII. 98 †
- Nuestro comercio en Marruecos: J. J. B. y Romen, VIII. 652
- Past and present, XVII. 92 †
- Photographs: P. H. Fawcett, XIX. 540; E. Howard, IV. 288; Hon. E. D. Loch, X. 564; W. G. Macpherson, XI. 111; W. H. Smith, XIV. 239
- Pioneering in: R. Kerr, V. 89 †
- 'Por Espana': Memoria premiada en el certamen de Melilla: F. y Diaz, XVIII. 641 †
- Roman roads: W. B. Harris, X. 300 *
- Spelling of Morocco, VI. 283
- Surveys: Weisgerber, XIX. 88
- The Rif: G. Rohlf, III. 347 †
- Town of the Renegades: Agurai: W. B. Harris, XII. 98 †
- Ueber Marokko: Graf von Pfeil, XVII. 676 †
- Wirtschaftsgeographie von Marokko,

MOROCCO

Morocco—continued.

- Vier Karten und Studien zur: R. Arnold, XIX. 107 †
 Zone frontière, etc.: P. Vidal de la Blache, X. 552 †

Political—

- Angleterre et la question du Maroc: R. de Caix, XVIII. 330 †
 France et le Maroc à Figuig: G. Demanche, XX. 357 †
 — et le statu quo Marocain: E. Etienne, XIII. 680 †
 Frontière marocaine et Figuig: Mandeville, XII. 98 †
 Morocco and European Powers: Sir D. Mackenzie, XX. 246 †
 Presidios menores de Africa y la influencia Espanola en El Rif: D. R. Pezzi, III. 347 †
 The Straits and France: F. Broadbent, II. 187 †
 Troubles à la frontière marocaine: Mandeville, XII. 98 †

Travel—

- A boy's scrambles, falls, and mishaps, I. 474 †
 Among the Moors: G. Montbard, IV. 87 †
 Au Maroc, Les pirates du Rif: B. d'Attanoux, XII. 98 †
 Cruise to Morocco, Balearic Isles, etc., by S.S. *Garonne*, VI. 293 †
 De Fez à l'Oranie à travers le pays des Ghiata: G. Delbrel, XVI. 581 †
 Eine Reise nach Fez: Graf von Pfeil, XII. 98 †
 Expeditions: T. Fischer's, XIII. 660; XIV. 209; XVII. 192, 530; XVIII. 91; F. Weisgerber's, XIV. 564; Explorations au Maroc: F. Weisgerber, XX. 357 †
 Itinéraire de Salé à Tanger: F. Weisgerber, XVIII. 330 †
 Itinéraires de Mogador à Marrakech: H. Giraud, XVI. 369 †
 Journey to Morocco City: P. H. Fawcett, XIX. 189 *
 Lalla Marnia à Fez, etc.: Gaudeaux, XI. 454 †
 Medical report on Mission of Sir G. Euan-Smith to Fez: W. G. Macpherson, X. 552 †
 Mission d'études au Maroc: E. Doulté, XIX. 375 §, 657 †
 Récits de voyage au Maroc: E. Tavel, XVIII. 110 †
 Seventy-one days' camping in Morocco: Lady Grove, XX. 126 †
 Special Mission to Morocco: E. Montet, XIX. 772 †
Tourmaline expedition: A. G. Spilsbury, XIII. 680 †
 Voyage au Maroc de G. Forret: R. de F. Roquetaire, XIX. 657 †
 Morokweng, Bechuanaland, I. 325
 Mórondáya, Madagascar, VI. 240

MOSBACH

- Morong, J.: Rio de la Plata; its basin, geography, and inhabitants, I. 378 †
 Morontobara, VI. 262
 Moroto mt., C. Africa, XIV. 136
 Morozewicz, J.: Le Mont Magnitnaia et ses alentours, XIX. 394 †
 Morphologie der Erdoberfläche: A. Penck, VII. 184 †
 Morphology: *see* Geomorphology
 Morrell, G. H.: Nature-study; Realistic geography, XX. 368 †
 Morren, F. W.: Culture du café au Guatemala, XVI. 254 †
 Morris, C.: Primeval ocean, X. 460 †; Problem of the Pole, VI. 90 †; Subterranean waters, XVII. 681 †
 —, D.: Plantes produisant le caoutchouc du commerce, XV. 199 †; Report on economic resources of W. Indies, XII. 215 †, 416 §; Sisal industry in Bahamas, VII. 566 †
 —, D. B.: Geographical work in Scotland, IX. 441; Geography of Forth valley, XIV. 333 †; Raised beaches, glaciation, and travelled boulders of Forth valley, IX. 459 †
 —, E. E.: Austral-English dictionary, XI. 319 †; On the tracks of Capt. Cook, XIX. 777 †; Terra Australis Incognita, XIV. 586 †
 —, H.: Alphabet for languages not yet reduced to writing, XI. 462 †; Litteration and transliteration, XVIII. 243 †
 —, H. C. L. and A. G. Thompson: Bognor climatological society, Annual report, XX. 553 †
 —, J.: Japan, a forecast, XII. 96 †
 Morrison, G. E.: Australian in China, VI. 581 †
 —, G. J.: Maps: their uses and construction, XVIII. 528 §, 646 †
 —, H. A.: List of books . . . relating to Inter-oceanic canal and railway routes, XX. 248 †
 Morrison, mt., Formosa, Ascent of: S. Honda, XI. 68 §, 195 †
 Morse, H. B.: Map of Province of Kwangsi, XII. 108 †
 —, I.: Photographs taken in Mongolia and Russian C. Asia, XVI. 380
 Mortensen, T.: Fra den danske videnskabelige Siam expedition, XIX. 397 †
 Mortillet, G. de: Les écritures de France, X. 338 †
 Mortlock I.: *see* Ruk
 Morton, D.: on cable fracture off Pescadores point, XIV. 400
 Morvan et ses attaches avec le massif central: A. Michael-Lévy, XIII. 451 †; Recherches ethnologiques sur le Morvan: A. Hovelacque et G. Hervé, VI. 96 †; Une excursion de géographie physique dans le Morvan et l'Auxois: E. de Martonne, XV. 188 †
 Mosbach, E.: Streifzüge in den bolivianischen Anden, X. 651 †

MOSCOW

Moscow—

- Awheel to Moscow and back: R. L. Jefferson, VII. 328 †
- Ein Besuch im Kloster Tróitzky bei Moskau: A. Müller-Bohn, VIII. 649 †
- Geographical Exhibition, 1892: E. Blanc, II. 568 †
- publication of Moscow Society, VI. 556
- Magnetic variations in neighbourhood of: H. Fritsche, III. 435 †
- Moskauer Industriegebiet und der Oberlauf der Wolga: S. Tschulok, XIX. 650 †
- Observations faites à l'observatoire météorologique de l'Université de Moscou, XIV. 224 †
- Population, IX. 658; X. 201
- Moseley, L. H.: Regions of Benue, XIV. 630 *
- Moser, H.: A travers la Bosnie et l'Herzégovine, VI. 392 † L'irrigation en Asie centrale, III. 437 †
- , K.: Einst bewohnte Felshöhlen des Karstes . . . , VIII. 187 †
- Moser basin, Pacific, XV. 182
- Mosedale, Lakeland, VII. 615
- Moses, wells of: *see* Moise
- Moshi, W. Africa: *see* Mossi
- , Kilimanjaro, rainfall, etc., observations at: Wildenmann, VII. 332 †, 429 †
- Mosman, A. T.: on re-making of U.S. and Mexican boundary, V. 487
- Mosquito Coast—
- Bibliography of Mosquito Coast: C. de Kalb, IV. 579 †
- Forgotten Puritan Colony, XIII. 682 †
- Der Streit um die Mosquito-Küste: J. Richter, VII. 445
- Studies of Mosquito Shore in 1892: C. de Kalb, II. 281 †
- or Takhina river, Alaska, XII. 24
- Mosquitoes—Monograph of the Culicidæ, or Mosquitoes: F. V. Theobald, XIX. 781 †; Mosquito brigades and how to organize them: R. Ross, XX. 366 †; Mosquitoes and tropical diseases, XII. 600
- Moss, N. A. F.: Magnetical . . . observations made at Government Observatory, XII. 431 †
- Moshammer, F.: Die symmetrischen Erinnerungsbilder beim memorialen geographischen Zeichnen, XX. 473 †
- Mossi, W. Africa—La Mission du Lient. Voulet, XI. 95 †; Loss of Moshi, XIV. 682 †
- Mossman, R. C.: Aurora Borealis in London, XII. 322 †; Average height of barometer in London, XV. 662 †; Barometric and thermometric gradients between London and Edinburgh, XVI. 364 †; on climate of London, XI. 171, 662; Daily values of . . . meteorological phenomena in London, XII. 204 †;

MOUNTAINEERING

- Frost of 1895 in Scotland, VII. 677 †; On . . . Meteorological phenomena in London with different winds, XIII. 212 †; Meteorology of Edinburgh, XII. 205 †; on seasonal death-rate . . . in Edinburgh, XII. 205 †
- Mosso, A.: Life of man on the High Alps, XIII. 329 †
- Mostar, population, VI. 383
- Mostitz, A.: Traces of stone age in valley of Selenga, XII. 207 †
- Mota, A. de: discovery of Japan, III. 403
- Motu tribe, New Guinea, XVI. 416
- Motuiti: *see* Kennedy I.
- Mouat, F. J.: biography, X. 461 †; obituary, IX. 331
- Mouchez, C.: Souvenirs de Chine, XI. 683 †
- Moulin, H. A.: Litige Chilo-Argentin et . . . frontières naturelles, XX. 359 †
- Mound explorations of Bureau of Ethnology, Report: C. Thomas, VI. 196 †
- Mountain, moor, and loch of W. Highlands, IV. 281 †
- Mountain dwellers of Formosa; R. Schumacher's account, XIII. 68 §
- observatories in America and Europe: E. S. Holden, X. 556 †
- passes: E. C. Semple, XVIII. 316 §, 556 †
- railways—
- Monistrol-Monserrat rack railway: A. Collett, VI. 589 †
- St. Gothard mountain railway, etc.: S. J. Berg, VI. 589 †
- Usui mountain railway, Japan: C. Pownall, VI. 589 †
- Mountaineering** (*see also special place-headings*)—
- Alpenverein und Alpenforschung: E. Oberhummer, XII. 220 †
- Bergbesteigen in alteren Zeit: S. Günther, IX. 116 †
- Catalogue of equipment, Alpine Club, XVI. 261 †
- Early mountaineers: F. Gribble, XIV. 347 †
- Effects of high mountain climbing: A. E. Douglas, XII. 220 †
- Entwicklungsgeschichte der Alpinismus: L. Purtscheller, V. 404 †
- From the Alps to the Andes: M. Zurbriggen, XV. 200 †
- Geography in mountaineering, VI. 478
- Geschichte der Bergsteigens: A. Zschokke, X. 557 †
- Highest climbs on record: D. W. Freshfield, XI. 461 †
- Influence of high altitudes: M. L. Hepburn, XVIII. 344 †
- science on mountaineering: C. T. Dent, VIII. 536 †
- Mountain exploration: E. S. Balch, II. 283 †
- Physiological effects of high altitudes: C. T. Dent, I. 46 *
- Puna or Mountain Sickness, XII. 487

* Paper or long art., q.v. for general information.

MOUNTAINS

Mountains—

- A quoi tient la beauté des montagnes : F. Schrader, XV. 676 †
 Brises de Montagne: E. Chaix, V. 399 †
 Contraction theory of mountain-structure: P. Rudzki, II. 189 †
 Directions conjuguées des plissements et fractures de l'écorce terrestre: A. Souleyre, XV. 556 †
 Elmsfeuer und Blitzgefahr im Gebirge: E. Boshard, XIII. 97 †
 Forms of mountains: J. E. Marr, VI. 100 †
 Gebirgsbildung im paläozoischen Zeitalter: F. Frech, XIV. 587 †
 Hochgebirge der Erde: R. von Lendenfeld, XV. 558 †
 Mountain falls: Sir W. M. Conway, V. 397 †
 ——— growth, VII. 232
 ——— ranges and distribution of races: F. Regnault, I. 91 †, 175 §
 Mountains: J. Geikie, XIX. 111 †
 Nuovo procedimento orometrico: O. Marinelli, XV. 87 †
 Parallelismus der Gebirgsrichtungen . . . des hercynischen Systems: A. Gukassian, XV. 198 †
 Poles orogéniques: S. Meunier, XX. 363 †
 Precipitation on mountain slopes: E. Pockels on, XIX. 192
 Progrès récents dans l'histoire des chaînes de montagnes: S. Meunier, IX. 467 †
 Quelques mots de Géographie rationnelle: P. de Rouville, XI. 688 †
 Schrumpfungstheorie im Lichte der Kritik: P. J. Müller, XIX. 111 †
 Studies in orography, IV. 366
 Subdivisions of mountain systems: G. Marinelli, I. 186 †
 Summary of lectures on mountains: D. W. Freshfield, III. 228 *
 Théorie mécanique . . . des montagnes: M. Bertrand, XV. 540 §, 673 †
 Theory of origin of mountain ranges: J. le Conte, IV. 89 †
 Toponymie naturelle des régions de haute montagne: E. de Martonne, XVIII. 316 §, 461 †
 Was ist ein Gebirge? A. Neuber, X. 656 †
 Moureaux, T.: Déterminations magnétiques . . . de Koursk, XIII. 211 †
 Mourey, C.: Chronique coloniale, XX. 675 †
 ———, et L. Brunel: L'année coloniale, XVII. 327 †; XIX. 242 †
 Moxly, J. H. S.: New theory of tide, XVI. 705 †; XVII. 455 †; Tides simply explained, XIV. 123 †; Suggested correction of accepted theory of tides, XIII. 328 †; Suggested improvement of current theories of tides, XI. 572 †
 Moyo river, grottoes on, XX. 377

MUKRI

Moyobamba, population, IX. 447

Mozambique—

- Crétacique supérieur à Moçambique: P. Choffat, XVII. 554 †
 Diccionario Chorographico da Provincia de Moçambique: G. da Costa, XIX. 108 †
 Districts of Lourenço Marques and Inhambane, Map, III. 539 †
 Etudes sur les Colonies portugaises: H. Hauser, XVII. 555 †
 Mozambique and Quilimane, Trade Rep., XIV. 583 †; XVI. 251 †
 Mpala, Tanganyika, XIX. 599
 Mpeseni's, C. Africa, I. 114; X. 163, 167
 Mpimbi, town of, E. Africa, II. 420; route to Fort Johnston, II. 421
 Mporogomo river, C. Africa, V. 384
 Mruli, Sudan, IX. 373; position, IX. 390
 Msid, Jebel, Tripoli, VII. 156; IX. 624
 ———, Wadi, IX. 629
 Msimanga, Mt., C. Africa, XVI. 559
 Msingwani river, Ruins at, II. 440
 Msisi river, Unyoro, IX. 376
 Mtamkulu river, C. Africa, 615
 Mtinauli, height, XI. 628
 Mtir, Beni, tribe; Morocco, IX. 644
 Mtoka rapids, Lualaba river, V. 438
 Mtowa, Tanganyika, position, XVII. 659
 Mtungwe, mt., C. Africa, XV. 616
 Muani, E. Africa, XIV. 272
 Muar province, Johore, III. 293
 Muata Yanvo, Michaux's visit to, X. 638
 Mubuko glacier, Ruwenzori, XIX. 36; river, XVII. 24, 34; valley, XIX. 29
 Muchinga mts., C. Africa, I. 105, 120; XI. 625
 Mud volcanoes: *see under* Volcanoes
 Mudge, E. H.: Mouth of Grand river, XIV. 584 †; Pre-glacial drainage in Michigan, XI. 98 †; (further notes), XVI. 583 †
 Mudichiri, tributary of Pungwe, II. 508
 Mueller, Baron von; biography, IX. 468 †; XII. 441 †; obituary, VIII. 522; Select extra-tropical plants, etc., VII. 221 †
 Mueller glacier, New Zealand, I. 39
 Mueller's peak, Australian Alps, III. 520
 Müggelberge, Müggelsee, etc.: H. Jansen, X. 547 †
 Mugger Pir, or Manja Pir, Makran, VII. 401
 Mughevia, Wadi, VII. 524
 Mughla plain, Kuria, IX. 39
 Mugutan river, E. Africa, IV. 312
 Muhso tribe, Shan States, VII. 597, 681
 Muir, A.: Royal Geographical Society of Australasia, Queensland, IX. 687 †; XI. 209
 ———, J.: Lake Tahoe in winter, XVII. 556 †; Mountains of California, X. 341 †
 Muir glacier, Alaska, I. 487; XII. 559; XIV. 525; Report of expedition to: H. F. Reid, III. 532 †
 Mujangá, Madagascar: *see* Mojanga
 Mukri, people and customs of, VIII. 475

MUKUS

- Mukus village, Kurdistan, XVIII 128
 Muldrow, R.: Mt. McKinley, XVIII.
 536 §, 551 †
 Mules as means of transport in E. Africa,
 V. 382; in Tibet, XII. 263
 Mulhall, M. G.: Carrying trade of the
 world, V. 401 †; Dictionary of statistics,
 XIII. 689 †; Imports and exports of 40
 years (U.K.), XVI. 364 †; Our trade with
 Germany and Belgium, X. 548 †; Trade
 of British Colonies, XI. 106 †; Twenty
 years of trade, X. 556 †
 Mulhall-Harper . . . tables and charts of
 commerce of the world: W. Harper, XV.
 673 †
 Muller, J. J. A.: De eilanden Krakatau
 en Langeiland, X. 550 †; De verplaat-
 sing van eenige Triangulatie-Pilaren
 in de Residentie Tapanoei (Sumatra),
 VII. 212 †
 Müller, A., und L. Scherman: Ori-
 entalische Bibliographie, X. 344 †
 ———, Carl: Claudii Ptolemæi Geo-
 graphia, XIX. 408 †; XX. 95 §
 ———, Curt: Staatenbildungen des
 oberen Uelle, etc., IX. 682 †; X. 95 §;
 Kunde des Altertums von den Cana-
 rischen Inseln, XIX. 106 †
 ———, D.: expedition to Sokotra, XIII.
 638; Südarabische Expedition . . . des
 Grafen Carlo Landberg, XIV. 333 †
 ———, E. A.: Ueber die Korkeiche,
 XVII. 565 †; XVIII. 220 §
 ———, Franz: Erklärung einiger ost-
 afrikanischer Ortsnamen, XVII. 323 †
 ———, Frederik: Facsimiles of remark-
 able maps of 15th, 16th, and 17th
 centuries, II. 573 †; XIV. 127 †
 ———, Friedrich: biography: F. Um-
 lauft, II. 282 †; Kačna jama im Karst
 bei Divača, XVII. 443 †
 ———, G.: Neuer Verkehrs-Plan von
 Gross-Berlin, XIV. 691 †
 ———, H. C.: Lehre der Wortzusammen-
 setzung, etc., VII. 685 †
 ———, H. P. N.: Industrie des Cafres
 du sud-est de l'Afrique, III. 72 †, 499 §;
 Land und Leute zwischen Zambesi
 und Limpopo, VIII. 311 †; Neue Karte des
 Landes zwischen Zambesi und Limpopo,
 VIII. 314 †
 ———, J.: Bedeutung schematischer geo-
 logischer Profile für den Geographic-
 Unterricht, XII. 547 †
 ———, Karl: biography, XV. 91 †
 ———, Konrad: *see* Miller
 ———, Max: Religions of China, XVII.
 446 †; Sacred books of the East, † I.
 188; IV. 92; V. 401; X. 656; XIV.
 589; XVI. 591
 ———, Mrs. M.: Letters from Constanti-
 nople, X. 118 †
 ———, P. A.: on climate, X. 306
 ———, P. J.: Die Schrumpfungstheorie
 im Lichte der Kritik, XIX. 111 †
 ———, S.: Notice sur les fouilles faites

MUNTHE

- pour le Musée National de Copenhague,
 XV. 545 †
 Müller, W. M.: Asien und Europa nach
 altägyptischen Denkmälern, IX. 114 †
 Müller mts., Borneo, VI. 573
 Müller-Beeck: Geographischen Errungen-
 schaften . . . in Ost-Asien, XI. 310 †
 Muller-Bohn, A.: Besuch im Kloster
 Tróitzky bei Moskau, VIII. 649 †
 Mullet and Iniskea Is., Ethnography of:
 C. R. Browne, VII. 328 †
 Müllner, J.: exploration of lakes of E.
 Alps, I. 353; on atlas of Austrian lakes,
 V. 266; Seen am Reschen-Scheideck,
 XVII. 302 §, 443 †; Seen des Salz-
 kammergutes, IX. 335 †
 Mulu mts., Borneo, I. 204; XVI. 39,
 57
 Mumbotuta falls, Luapula river, XIV.
 562
 Mumia's, Uganda, position, IX. 390
 Mummery, A. F.: Climbs in Alps and
 Caucasus, V. 201 †
 Munchi country and tribe, W. Africa,
 XIV. 634
 Mundsley, Norfolk, Sand-wave observa-
 tions at, XVIII. 183
 Mungela river, I. 526
 Munich—
 Bruckmann's Illustrated Guides,
 Munich: G. Fels, VI. 292 †
 Katalog der Bibliothek der Geogr.
 Gesellschaft in München, IX. 346 †
 Geologische Uebersichtskarte der
 Gegend von München: L. von
 Ammon, VI. 193 †
 Münchens Geogr. Gesellschaft, etc.: S.
 Günther, IV. 474 †
 Munku-Sardyk mts., Russian expedition
 to, XI. 177
 Muñoz, J. L.: Cuestión de límites con el
 Brasil, XIX. 659 †; Explorations in
 Bolivia and Peru, X. 443
 Munro, H. T.: letter on ascents of
 Ixtacihuatl and Popocatepetl, VIII.
 304
 ———, J. A. R.: Rambles and studies in
 Bosnia-Herzegovina, VII. 212 †; re-
 marks on "Montenegro and its border-
 lands," IV. 407
 ———, and H. M. Anthony:
 Explorations in Mysia, IX. 150*,
 256*
 ———, J. Anderson, and H. M.
 Anthony: Photographs of N.W. Asia
 Mi., VII. 344
 ———, R.: Remarkable glacier lake near
 Eidfjord, Norway, VIII. 412 †; Sketch
 of lake-dwelling research, IX. 346 †
 Münster, C. A.: Kongsbergs ertsdistrikt,
 IX. 677 †
 Münster, Sebastian: V. Hantzsch, XV.
 557 †; XVII. 423 §; XVIII. 242 †
 Munthe, H.: Interglacial submergence of
 Great Britain, XII. 429 †; Physical
 geography of Litorina Sea, VI. 395 †;

MUNTZ

- Studien über ältere Quartärlagerungen in Südbaltischen Gebiete, XI. 447 †
- Muntz, E.: En Allemagne, XII. 92 †
- Munyo Yaya tribe, VIII. 286
- Münzenberger, E. F. A.: Abessinien und seine Bedeutung für unsere Zeit, II. 473 †
- Muonio river, Expedition to sources of: T. T. Sikora, XI. 682 †; Muonio-Expedition zur Beobachtung der Sonnenfinsterniss: F. Kanitz, X. 453 †
- Munrad Su, river, VI. 173
- Murat, M.: Gordon's Eden, or Seychelles Archipelago, XVIII. 230 †
- Murbeck, S.: Flora von Südbosnien und der Hercegovina, VI. 192 †
- Murchison, Sir R.: presidential addresses, IV. 6; work for Hakluyt Society, IX. 173
- Murchison falls, Nile, IX. 375; Murchison Falls: G. S. Betton, XX. 245 †
- glacier, New Zealand, I. 39, 41
- mt., Canada, XIII. 352
- range, S. Africa, II. 220, 226
- Murdoch, W. G. Burn: see Burn-Murdoch
- Murdoch, J.: Ethnological results of Point Barrow expedition, III. 439 †
- Muren, Ueber: F. Frech, XIII. 686 †
- Murghab (Murghabi) river: see Ak Su
- Muri State, W. Africa, XIV. 631
- Murie, J.: Catalogue of R.G.S. Library prepared by, IV. 3
- Muriel, C. E.: Report on Forests of Sudan, XVIII. 442 §, 640 †
- Mur Kub, Persia, X. 580
- Murle tribe, C. Africa, XI. 384; XVI. 609
- Murman Coast, warm current on, VII. 556
- Sea, Russian scientific investigations, XVIII. 307
- Muron et ses environs: F. Arnaud, XI. 564 †
- Muroni valley, Br. E. Africa, XIV. 308
- Murray, A. S.: Excavations in Cyprus, XV. 294 †; Tasmanian rivers, lakes, and flowers, XV. 555 †; Twelve hundred miles on Murray river, XV. 443 †
- , G.: Antarctic manual for use of expedition, XVIII. 339 †; Deep-sea expedition, XII. 619 †; Exploration of intermediate depths of the ocean, XIII. 147 *, 686 †; remarks on "Annual range of temperature," etc., XII. 136; on "Antarctic voyage of *Belgica*," XVIII. 392; on "Description of Christmas I.," XIII. 38; Voyage southward of the *Discovery*, II. From Madeira to the Cape, XIX. 423 *
- , J.: How to live in Tropical Africa, V. 282 †
- Murray, Sir J.**—
- Address on scientific advantages of an Antarctic expedition, XI. 572 †
- to British Ass., XIV. 688 †; XVI. 374 †

MURRAY

- Murray, Sir J.**—*continued.*
- Annual range of temperature in surface waters of the ocean, XII. 113 *
- Antarctic expedition, X. 382; Renewal of Antarctic exploration, III. 1 *; Scientific advantages of an Antarctic expedition, XI. 416 *, 687 †
- Atlantic; Material of sea-bottom off Cape Verde, XIV. 403
- Balfour shoal . . . Coral sea, IX. 583 †; XIII. 98 †; X. 100 §
- Biography: W. Wolkenhauer, XIX. 662 †
- Challenger* medal presented by, VII. 206
- Deep-sea deposits, V. 365 †; Do., and their distribution in Pacific Ocean, XIX. 691 *; in Black Sea, XVII. 454 †
- Distribution of pelagic foraminifera, etc., X. 554 †
- General conditions of existence and distribution of marine organisms, XIII. 568 †
- Historical introduction to *Challenger* publications, VI. 13, 14
- Honours, I. 557; V. 592; XI. 185; XIII. 544
- Kerguelen region, Marine fauna, VII. 337 †, 538 §
- Oceanography, XIV. 426 *; XV. 89 †
- Remarks on marine deposits, etc., from Antarctic, VII. 517; on receiving American medal, XIV. 105; on receiving Founder's medal, VI. 92; on "Formation of the Maldives," XIX. 297; on "N. Polar problem," IX. 518
- Results of deep-sea sounding expedition in N. Atlantic, by R. E. Peake, XIX. 781 †
- Scottish lochs, IV. 258; on temperature of water of Scottish freshwater lochs, IX. 337 †
- Summary of scientific results of voyage of H.M.S. *Challenger*, VI. 586 †
- Survey of British lakes, XVIII. 513; XIX. 369; XX. 224
- Temperature of floor of the ocean, etc., XIV. 34 *
- Murray, Sir J., and R. Irwine:** Chemical changes in composition of sea-water, etc., III. 351 †
- , and F. P. Pullar: Bathymetrical survey of freshwater lochs of Scotland, XV. 309 *; XVI. 121 †, 246 †; XVII. 273 *; XVIII. 104 †, 105 †
- , T. D., and A. S. White: Sir Samuel Baker, a Memoir, VI. 101 †
- , W. R.: explorations in S. Australia, XIX. 760
- Murray Is., Torres Strait,** XIV. 304; Ethnographical notes on: A. E. Hunt, XIII. 458 †
- river: filtration, XIV. 408; native tribes of Upper: D. Matthews, XIX. 776 †; Twelve hundred miles on: A. S. Murray, XV. 443 †

MURRAY'S

- Murray's Handbooks—Cornwall, II. 472†; Denmark and Iceland, V. 604†; Devon, VI. 580†; Gloucestershire, VI. 581†; Greece, VIII. 412†; XVI. 485†; Hampshire, XIV. 113†; Hertfordshire, Bedfordshire, and Huntingdonshire, VIII. 414†; India, Ceylon, and Burma, V. 507†; XIII. 678†; XVII. 550†; Oxfordshire, IV. 280†; Rome and environs, V. 505†; XIV. 111†; Russia, Poland, and Finland, III. 69†; Scotland, V. 505†; Shropshire and Cheshire, X. 454†; Somerset, XIV. 332†; Sussex, I. 564†; Surrey, XI. 309†; Switzerland, II. 378†; Warwickshire, XIV. 113†; Wilts and Dorset, XIV. 677†; Worcester-shire and Herefordshire, VIII. 415†
- Handy Classical Maps: G. B. Grundy, XVI. 134†, 234§, 496†, 984†
- Mursu tribe, C. Africa, XVI. 609
- Murungu, C. Africa: *see* Marungu
- Murus river, Mongolia, III. 370: *see also* Blue river
- Muruts and Murutland: F. Perry, XI. 452†
- Musa river, C. Africa, IX. 138
- , New Guinea, X. 97; XII. 418
- Musania lake, E. Africa, IV. 300
- Musapa river, Great, E. Africa, II. 508
- Museums (*see also special societies, etc.*): Reports and Returns, Instructions, and Minutes, XIX. 112†
- Mushkaf-Bolan railway: J. Ramsay, X. 339†
- Mushketoff, I. W.: biography: P. von Stenin, XX. 251†; Explorations in the Pamirs, VIII. 257; of Russian glaciers, XII. 208†; Geological sketch of glacier region of Teberda and the Chkhaltá, XI. 568†; Geologische Untersuchungen in der Kirgisen Steppe, XI. 91†; obituary, XIX. 514
- , and A. Orlof: Katalog Zemletriasenii (earthquakes) Rossiiskoi Imperii, III. 345†
- Mushketoff mts. VIII. 167
- Musil, A.: explorations in N. Arabia, XX. 101, 653
- Muskat, Arabia, VI. 110; Muscat: J. T. Bent, VII. 110; Muscate: E. Allemann, XVII. 547†
- Musk-rat falls, Labrador, V. 525
- Muskeg, Land of the: H. S. Somerset, VII. 114†
- Mussadugu, altitude, X. 394, 397
- Musset, M.: Les Rochelais à Terre-Neuve, XIV. 461†
- Mussen, S. P., and T. L. Roxburgh: Hand-book of Jamaica, † III. 440; VI. 95; VII. 566; X. 457
- Mustagh mts.: nomenclature, II. 301; glaciation, VI. 353; Exploration in the Mustagh: Sir W. M. Conway, II. 289*; (Erratum), II. 460

MYRES

- Mustagh pass, G. C. Davidson's attempt on, II. 550
- Mustagh-ata, C. Asia, II. 58; VIII. 108; XIII. 54, 160, 446; XVI. 508, 524; XX. 583; Attempts to ascend: S. Hedin, V. 154; VI. 350*; XI. 243; glaciers, XI. 245; Gletscher des Mustag-ata: S. Hedin, VI. 97†
- Mustiala, Bodentemperatur in: T. Homén, X. 548†
- Mut, Oasis of Dakhilah, XVI. 659
- Muttrich: Ueber den Einfluss des Waldes auf die Lufttemperatur, etc., XVI. 588†
- Muybridge, E.: Descriptive zoopraxography, V. 405†
- Muwundu's, Rhodesia, XI. 627; height, XI. 628
- Muzur river, Asia Mi., XX. 182
- Mwa Kijembe, height and position, IV. 436
- Mwanza valley, E. Africa, II. 410
- Mwatate valley and mt., E. Africa, VI. 550
- Mwele hill, E. Africa, V. 559
- Mwemwashí river, XIX. 188
- Mwenda's position, IX. 390
- Mwenembwi, mt., C. Africa, III. 60
- Mweru lake, C. Africa, I. 449; II. 244; X. 637; XII. 243, 245; altitude, XVII. 659; (Lemaire's) XVIII. 443; desiccation, VII. 368; elephants in district, VII. 374; marshes, I. 526; XIII. 614; meaning of word, VII. 378; steamer on, XVII. 430
- Au lac Moero: Descamps, VII. 213†
- Expeditions—D. Crawford, IV. 460; A. St. H. Gibbons, XV. 644; A. Sharpe, XV. 645; P. Weatherley, VII. 204; XVI. 475
- Journey from Shire river to: A. Sharpe, I. 524*
- Kilwa I. in: A. Blair-Watson, VI. 458
- Lac Moëro et le delta du Luapula, IX. 576†
- Mweru, and Luapula delta: A. B. Watson, IX. 58*; letter from A. Sharpe, V. 391
- Photographs of • neighbourhood: D. Crawford, XII. 112; XIV. 352
- Mweshia river, Rhodesia, XI. 627
- Mwitowa I., Lake Mweru, IX. 60
- Myggenaes, Færoes, VII. 14
- Mykonos I.—Geologische Karte der Insel Mykonos: P. Philippson, XX. 133†
- Myndos, peninsula of, IX. 44
- Myothet, Burma, XIX. 272
- Myers, F., and T. Chambers: Victorian Tourist's railway Guide, I. 570†
- Myojin lake, Japan, III. 57
- Myres, J. L.: Attempt to reconstruct maps used by Herodotus, VIII. 605*; IX. 467†; Copper and bronze in Cyprus, XI. 192†
- , and W. R. Paton: Karian sites and inscriptions, IX. 104†; Researches in Karia, IX. 38*, 337†

MYRMECOBIUS

- Myrmecobius, IV. 39
 Mysia, Explorations in: J. A. R. Munro and H. M. Anthony, IX. 150 *, 256 *
 Mysore—Gazetteer: B. L. Rice, XIV. 115 †; Gold, sport, and coffee-planting in: R. H. Elliot, IV. 85 †
 Mytilene: *see* Mitylene
 Myvatn, lake, Iceland, XIII. 483
 Mzassa, height, XI. 628
 Mzee Mogodi, V. 549

N

- Naab, Arabia, XII. 53
 Naalsö, Faeroes, VII. 10
 Nabathean inscriptions, V. 26
 Naber, H. A.: Standard methods in physics and electricity criticized, VI. 397 †
 Nachod, O.: Ein unentdecktes Goldland, XV. 674 †
 Nachtigal, A.: Die Eingeborenen Afrikas, X. 649 †
 Nafa and Shuri, social life of Luchuans at, V. 540
 Naftel, C. O.: Agricultural capabilities of Dominica, XIII. 217 †
 Naga Hills, Assam, Photographs: W. H. Furness, XX. 477; Eastern Nagas of Tirap and Namsik: S. E. Peal, X. 339 †
 Nagana or Tsetse Fly disease, Report: A. A. Kanthack, H. E. Durham, and W. F. H. Blandford, XIII. 331 †
 Nagar, Hindu Kush, Formation of lake in: letter from Sir W. M. Conway, X. 107; Hunza and Nagyr Handbook, G. W. Leitner, III. 437 †; people, V. 413; river, II. 294
 Nagasaki, Trade Rep., XVII. 550 †
 Nagualism: D. G. Brinton, V. 399 †
 Nagyr: *see* Nagar
 Nahuas (Nahuatl) of C. America, X. 83; XV. 393
 Nahuel-Huapi, lake, Patagonia, II. 161; III. 144; XIV. 359, 364; XVII. 402; Viajes de Fray F. Menendez a Nahuelhuapi: F. Fonck, XV. 669 †; Wehrli on geology of region, XV. 181
 Naiband mts., Persia, X. 580, 596
 Naichi-gol, Mongolia, III. 368
 Naini Tal, Geological structure . . . of hill slopes around: T. H. Holland, X. 120 †
 Nain Singh, Pundit, explorations of, IV. 52; VIII. 6
 Nairobi river, E. Africa, XV. 454, 486
 Naita, mt., C. Africa, XIX. 676
 Naivasha, lake, E. Africa, II. 125; IV. 307, 302; XVI. 2, 8; Journey from, to Victoria Nyanza: G. H. Gorges, XVI. 78 *, 487 †
 Nakabimba fort, C. Africa, IX. 377; position, IX. 390

NANSEN

- Nakagawa, G.: Precipitation in Japanese Is., XX. 243 †
 Nakalo or Somite lake, E. Africa, IV. 299
 Naka-no-shima, V. 292
 Nakchang-tso, lake, Tibet, XIX. 502
 Nak-chu, tributary of Mekong, XIX. 587
 Nakhar pass, Caucasus, XIV. 660
 Nakhl, Jebel, Oman, XVIII. 466; town, XVIII. 467
 Nakuro, lake, E. Africa, II. 125; IV. 307, 310
 Nallamalai hills, India, III. 171
 Nallino, C.: Al-Khuwarizmi et son remaniement de la Géographie de Ptolémée, VIII. 195 †; Al-Huwarizmi e il suo rifacimento della Geografia di Tolomeo, VI. 398 †; Descrizione dell'Egitto di 'Umar ibn Muhammad al-Kindi, XVIII. 328 †; Le tabelle geografiche d'al-Battânê, XII. 330 †; Transcription des noms géographiques arabes, persans et turcs, V. 404 †
 Namaland—Nama und Damara, Deutsch-Süd-West Afrika: H. von François, VIII. 311 †; Reise von Bethanien nach Garis im: F. Gessert, XIII. 93 †
 Nama tribe, S. W. Africa, II. 42
 Namaralo tribe, Mozambique, IV. 353
 Namatari river, E. Africa, IX. 182
 Names, geographical: *see* Place-names; Spelling of: *see* Orthography
 Nam Mun river, Siam, VIII. 452
 Namoran Gol, XII. 272
 Nam Pang: *see* Ben Chaung
 Nan, town, Siam, VIII. 446; Trade Rep., XIX. 106 †
 Nana river, C. Sudan, IX. 562
 Nanay river, Amazons, XVII. 369
 Nanda-Devi peak, Himalayas, I. 66; XV. 153
 Nandarua, mt., E. Africa, XV. 485
 Nandi country, E. Africa, II. 134; IX. 379, 387; XIV. 277; people, IX. 382, 386; XII. 366; plateau, IX. 90; XIX. 106 †
 Nanga Parbat mt., II. 301; Climbing on Nanga Parbat: J. N. Collie, VII. 441 †
 Nangiya-Solian mts., XIV. 140
 Nangulikutuchi hill, C. Africa, XV. 615
 Nankin d'alors et d'aujourd'hui: P. L. Gaillard, XIV. 679 †
 Nan-Kuang river, XII. 231
 Nanling mts., XIX. 732
 Nan-Matal, ruins, Caroline Is., XIII. 117
 history, XIII. 120
 Nansen, F.: Arctic expeditions, I. 18, 543; II. 17, 69, 174, 272, 346 *, 463, 554; IV. 8, 365; VI. 388; VII. 317, 433, 436, 555; VIII. 12, 279, 402; (description of vessel), I. 12; (proposed voyage), XV. 650; (scientific results), XIII. 199; *Challenger* publications presented to, IX. 568, 572; Honour conferred by Cambridge University, IX. 452; Journey across Greenland, II. 333; Meeting in

NANSEN

Nansen—*continued*.

- Albert Hall, IX. 249; (remarks at do.), IX. 255; meeting with Jackson, VIII. 557, 564; observations, XVI. 109; on Sverdrup's expedition, XIII. 143; Royal Society's Antarctic meeting, XI. 420; on North Polar problem, IX. 510, 534; return, VIII. 279; Special medal from R.G.S., VIII. 513, 633; IX. 249; welcomes on the continent, IX. 568
- Biographies—W. C. Brögger and N. Rolfsen, IX. 115 †; K. F. Koehler, IX. 468 †; L. Stephen, XI. 323 †
- Durch das Polargebiet, X. 458 †
- Durchquerung von Grönland, I. 88 †
- Eskimoliv, I. 282 †; Eskimo life, trs. W. Archer, III. 350 †
- Farthest North, IX. 344 †
- How can the N. Polar region be crossed? I. 1 *
- How the N. Pole will be reached, XI. 687 †
- Karte von Süd-Grönland zur Uebersicht der Norwegischen Expedition, I. 95 †
- Nansen and his lunar tables: E. A. Reeves, XIII. 459 †
- Nansen and his scientific results: E. Plumstead, XVI. 256 †
- Nansen expedition, and state of Siberian Sea: J. Wiggins, III. 121 *
- Nansen's North Polar expedition: K. O. Björlikke, II. 566 †
- Polar expedition: A. W. Greely, VII. 567 †
- Norske polarekspedition 1893–96, XI. 457 †
- N. Polar expedition and its scientific results: H. Mohn, VIII. 389 *
- Norwegian N. Polar expedition, scientific results, XV. 671 †; XVII. 561 †; XVIII. 284 §; XX. 249 †, 332 §
- Polar Expedition (Geog. Tidskrift), IX. 110 †
- Réception du Dr. Nansen, X. 458 †
- Report of Polar expedition: H. E. A. Man, IX. 110 †
- Some results of Norwegian Arctic expedition, IX. 473 †; X. 123 †, 342 †; XII. 328 †
- Nansen, F., F. Jackson, and A. Wilkitzki: Russisch Asien und Franz-Josef Land (map), X. 126 †
- , and O. Pettersson, insulating water-bottle of, XVI. 469
- Nan-shan, mts., III. 361, 462; fauna and flora, VIII. 168; V. A. Obrucheff's paper, VI. 555; Roborovsky's explorations, VIII. 161, 166, 168
- Aufnahmen im westlichen und zentralen Nan-schan: W. Obrutschew, XX. 133 †
- Wichtigsten . . . Ergebnisse der Reisen W. Obrutschews im . . . Nan-schan: C. Diener, XX. 466 †

NATAL

- Nantucket I., XI. 645
- Changes in ocean shore-line of: H. L. Marindin, V. 284 †
- Morainal island, A: G. C. Curtis and J. B. Woodworth, XIV. 340 †
- Table of cross-sections on N. shores of: H. L. Marindin, XII. 214 †
- Napier, John: N. Gravelaar, XV. 674 †
- Napier of Magdala, Lord: Caucasus and Tirah, XII. 206 †
- Naples, chain of volcanoes, X. 416; crater, X. 428; valleys, X. 488
- Naples; past and present: A. H. Norway, XVIII. 632 †
- Trade Rep., XV. 434 †
- Napo river, Amazons, XVII. 368; country, fish, and game, III. 483; Originalkarte: R. Payer, IV. 583 †; River Napo: C. D. Tyler, III. 476 †; Strumenti litici . . . del Rio Napo: C. H. Dolby-Tyler, ed. E. H. Giglioli, X. 230 †
- Naragullen or Cavan cave, N. S. Wales, Report on visit to: R. Etheridge, I. 378 †
- Naranjo, Costa Rica, XII. 214 †
- Narborough, crater, Galapagos Is., VI. 561
- Narcondam and Barren I., Flora of: D. Prain, II. 562 †; III. 234 §
- Nares, Sir G.: Relics of Arctic expedition, XVI. 109; remarks at Nansen meeting, IX. 252; on "How can the North Polar region be crossed?" I. 23; on "Jackson-Harmsworth Polar expedition," VI. 520; on "N. Polar problem," IX. 522; on "Renewal of Antarctic exploration," III. 31; on "Topography of S. Victoria Land," XVII. 494; Report on . . . navigation of river Mersey, † XI. 89; XVI. 364; XX. 352
- Naretti, L., and G. P. Devey: Photographs of . . . N.E. Africa and Arabia, XVIII. 464
- Narim Country, Historical - statistical sketch: A. F. Plotnikoff, XIX. 635 §; XX. 244 †; river, III. 514
- Narlinar, altitude, IX. 275
- Narok, Guaso, or Black river, IV. 412
- Narragansett basin, Geology of: N. S. Shaler, J. B. Woodworth, and A. F. Foerste, XVI. 583 †
- Narym: see Narim
- Nasa, T.: Harbours of Japan, XI. 451 †; XIV. 115 †
- Nash, V.: An empire adrift, XVII. 446 †
- Näsir-ul-Mulk, His Excellency; remarks on "Recent journeys in Persia," X. 594
- Nasratabád, Persia, XIX. 143; XX. 75, 81
- Nasse river, Canada; J. McEvoy's survey of, III. 209
- Nassau, R. H.: Fetishism, a Government, XIX. 400 †
- Natal—
- Correspondence relating to defence of, XV. 665 †

NATAL

Natal—*continued*.

- Geological Survey of Natal and Zululand, First report: W. Anderson, XIX. 772 †; XX. 631 §
 Highlands of: E. M'Master, VIII. 93 †;
 High plateaus of Natal, their climate and resources: Id., XX. 357 †
 Maps—Colony of Natal, Supt. Inspector of schools, III. 259 †; Military map of Colony: H. C. Simpson, XVIII. 558 †; Philips' map of seat of war, XIV. 694 †
 Mining industry, Report: C. J. Gray, † XV. 298; XVII. 554; XIX. 107; XX. 558; Supplement, XVIII. 232 †
 Natal: J. G. Maydon, VII. 563 †
 —, the land and its story: R. Russell, IV. 578 †
 Natalia: J. F. Ingram, XI. 93 †
Nathorst, A. G.: award to, XIII. 654; expedition to Spitzbergen, XI. 74; letter on Gilies Land, IX. 101
 Andrée search expedition, XIII. 5, 307; Andréeska polar-bojens drift till Kung Karls land, XV. 556 †
 Atgärder för tillvaratagande af föremål från Andrée-expeditionen, XVIII. 237 †
 Botany of Franz Josef Land, IX. 96
 Dickson, O., obituary, X. 460 †
 Distribution of Polar wolf and musk-ox in E. Greenland, XVII. 310
 Förslag till en expedition till östra Grönland, XIV. 343 †
 Fossil plants from Franz Josef Land, XVII. 326 †
 Frågan om istiden . . . Europa, VII. 560 †
 Hittills funna flytbojarne från Andrée-expeditionen, XVII. 214 †
 Kung Karls Land, XIII. 685 †; Bidrag till Kung Karls Lands geologi, XIX. 110 †, 510 §
 Nordenskiöld, A. E., XIX. 241 †
 Nya Kartan öfver Beeren Eiland, XIV. 464 †
 Nysibiriska öarne, VIII. 92 †
 Om myskoxen och myskoxjagter på Ost-Grönland, XVI. 587 †
 Om Spaningarne efter Andrée kring Spetsbergen, XIII. 327 †
 On map of King Oscar Fjord and Kaiser Franz Josef Fjord, XVII. 48 *; XVIII. 339 †
 Otto Torell den vetenskapliga polarforskningens grundläggare, XVII. 565 †
 Polarforskningen, XX. 471 †
 Swedish Polar expedition, 1898, IX. 95; X. 641; XII. 385; XIV. 51 *, 155 *, 686 †; om 1898 års Svenska polarexpedition, XIII. 459 †; Onskningsmål för den svenska polarforskningen, X. 459 †; Swedish E. Greenland expedition, XIV. 97, 534; Svenska expeditionen till Nordöstra

NAUTICAL

Nathorst, A. G.—*continued*.

- Grönland, XVI. 492 †; Swedische Expedition nach Ostgrönland, XV. 198 †
 Två Somrar i Norra Ishafvet, XVIII. 646 †; XIX. 80 §
 Ueber die oberdevonische Flora der Bären Insel, XVI. 586 †
 National, S.S., oceanographical work of, III. 302
 National Geographic Society's expedition to Martinique, XX. 342
 ——— growth and national character: W J McGee, XIV. 466 †
 ——— life and character, A forecast: C. H. Pearson, II. 283 †
 Native customs, Scheme for investigation of: M. Benecke, VI. 480
 ——— races—Relation des blancs avec les Indigènes, IX. 345 †; Betrachtungen über das Wirtschaftsleben der Naturvölker: H. Panckow, VIII. 425 †
 ——— and liquor traffic, Report of meeting, VI. 398 †
 Natron, Excursion à l'Ouadi: A. Gayet, IX. 105 †
 ——— lake, E. Africa, XII. 413
 Natterer, K.: Chemische Untersuchungen in der nördlichen Hälfte des Rothen Meeres, XII. 329 †; death of, XVII. 666; Hydrography of Sea of Marmora, VI. 81; observations on percolation of sea-water, V. 174; Oceanographical results of Austro-Hungarian deep-sea expeditions, XIII. 328 †; researches in E. Mediterranean, III. 138; results of deep-sea expeditions, XII. 379; Salt deposits in Persia and their relation to the sea, VI. 472; Ueber chemisch-geologische Arbeiten der Pola Expeditionen, XIX. 407 †
 Natural Geographies: J. W. Redway, X. 656 †
 Naturalist travellers; J. A. Thomson on, VIII. 182
 Nature-study, realistic geography: G. H. Morrell, XX. 368 †
 Nau, F.: Notice sur quelques cartes syriaques, IX. 114 †
 Naumann, E.: Geotektonik und Erdmagnetismus, XII. 218 †; Grundlinien Anatoliens und Central Asiens, VII. 329 †; Krater des Shiranesan nach der Explosion vom 6 August, 1892 (map), II. 572 †; Macedonien und seine neue Eisenbahn, Salonik-Monastyr, VI. 580 †; Neue Beiträge zur Geologie und Geographie Japans, II. 562 †; Reisen in Anatolien, VII. 329 †; Vom Goldenen Horn zu den Quellen des Euphrat, etc., III. 437 †
 Nauru, Ein Besuch der Insel: A. Krämer, XII. 636 †; Insel Nauru: Seufft, VIII. 421 †
 Nauta, population of, IX. 447
 Nautical Almanac, American Ephemeris

NAUTICAL

- and, † V. 397; VIII. 194; IX. 684; XIV. 232, 464; XV. 87; XVII. 562; XVIII. 340; XX. 363
- Nautical Almanac and Astronomical Ephemeris, † V. 397; VII. 219; IX. 344; XI. 687; XVI. 256, 780; Appendix, XVIII. 238 †; Circular, XII. 103 †; Nautical Almanac Office: W. B. Lord, X. 656 †; Tables used in, X. 232 †
- Nautilus shoal, Gilbert Is., VI. 335
- Nautilus*, visit to Gilbert Is., VI. 332
- Nauzières, R.: Le Sidobre, XV. 546 †
- Navajo Indians, Ceremonies of: J. Stevenson, III. 73 †
- Navarra, B.: China und die Chinesen, XIX. 524 †
- Navas, Conde de las: Juan de la Cosa y su Mapa Mundi, VII. 683 †
- Navez, L.: La reprise du Congo, XII. 631 †
- Navigation** (*see also* Surveying)—
- Cercle équatorial de relèvement: E. Decante, XV. 556 †
- Fast passages and best routes: W. Allingham, VII. 567 †
- How to manage your ship in a typhoon: Doberek, VII. 567 †
- Inland navigation in Europe and N. America: L. F. Vernon-Harcourt, XIII. 570 †; Do. in France, C. Hardinge on, V. 281; in Germany, Whitehead on, V. 378; in the U.S.: S. S. Leach, XI. 98 †
- Law relating to charts and sailing directions: H. S. Moore, XVIII. 646 †
- Methods of improving ocean bars: L. M. Haupt, XIX. 534 †
- Navigation: J. F. Ruthven, XII. 103 †; made easy, XV. 198 †
- Navigation aéryhydrique: G. L. Pesce, X. 343 †
- Nomogrammes du Prof. E. Molino, XV. 87 †
- Practical and Theoretical: D. Wilson-Barker and W. Allingham, IX. 348 †
- Problèmes de navigation et la carte marine: E. Guyou, VII. 337 †
- Self-instruction in practice and theory of: Earl of Dunraven, XVI. 690 §, 703 †
- Semi-azimuths, New Method of: E. W. Buller, II. 373
- Tables (Russian), XIII. 327 †
- Zur Berechnung . . . nach der Standlinienmethode: W. Reuter, XV. 556 †
- Navigators Is.: *see* Samoa
- Naville, E.: The threatened destruction of Philæ, a protest, IV. 577 †
- , F. L. M.: Réflexions sur l'enseignement de la géographie, IX. 687 †
- Navy, as motor in geographical and commercial progress: G. W. Littlehales, XIV. 237 †
- Records Society, II. 177
- Nayezdnik*: explorations around Novaya Zemlya, III. 64

NEGOOT

- Nazlu Chai, Asia Mi., XIV. 506
- Ndanga district of Mashonaland, S. P.
- Hyatt's account of, XIX. 635
- Ndara Mount, V. 554
- Ndau, Guaso, E. Africa, IV. 312
- Ndea and Ndui ya Rombo, S. Africa, IV. 432
- Ndembu river, Kasai, XVI. 505
- Ndera, mission station of, IV. 98
- Ndi hills, E. Africa, II. 117
- Ndiangebietes, Bereisung des: von Besser, XIII. 93 †
- Ndoro basin, E. Africa, IV. 411
- Neal, W. G., and R. N. Hall: Ancient ruins of Rhodesia, XIX. 772 †
- Neale, W. H.; remarks on "Jackson-Harmsworth expedition," VI. 521
- Neale, Cape, Franz Josef Land, VIII. 546
- Nearctic region of distribution of mammals, III. 98; W. L. Slater, IX. 67 *
- Nebehay, K.: In Yaskenland, XIII. 557 †
- Nebout, A.: Mission Crampel, I. 470 †; Notes sur le Baoulé, XVII. 554 †
- Nebraska—
- Are trees advancing or retreating upon the Nebraska plains? C. E. Bessey, XV. 66 §, 299 †
- Economic history of a township in: A. F. Bentley, II. 565 †
- Geology and water resources of: N. H. Darton, XVI. 371 †
- Glacial grooves and striæ in: E. H. Barbour, XVI. 584 †
- Nebular hypothesis, Attempt to test: T. C. Chamberlin, XVI. 129 †; Notes on the nebular theory: W. F. Stanley, VI. 584 †
- Neby Hud, V. 16
- Neckar canal, report, XIX. 210
- Necker I., V. 274
- Necrology 1893-95: W. Wolkenhauer, IX. 468; 1896 and 1897, XI. 575 †
- Nedderich, W.: Wirtschaftsgeographische Verhältnisse . . . in Ostfälischen Hügelland und Tieflande, XX. 551 †
- Nederkorn, W.: Entdeckung . . . Canadas und seiner Grenzgebiete, XV. 84 †
- Needham, C.: Between the Chiese and Adige, XI. 449 †
- , J. T.: explorations of course of the Dihong, XVII. 525, 656
- Nefas, Wadi, ruins of Sabæan town near, VI. 123
- Nefta à Ghadamés, Voyage de: P. Vuillot, VIII. 530 †
- Nefud of Arabia, fuljes of, IX. 295
- Neger, F. W.: Botanischen Ziele der Südpolar-Forschung, XIV. 343 †, 448 §; Fahrt nach der gotischen Sandinsel, XVII. 86 †; Schwedische Hilfsexpedition zur Aufsuchung Andréas in 1899, XVII. 325 †
- Negoiti village and its Inhabitants: C. Dzhorbenadze, XI. 568 †
- Negoot or S. Tobique Lakes, Map: W. F. Ganong, XVII. 459 †

NEGREIROS

- Negreiros, A. de A.: biography, XIX. 534 †; Colonies portugaises, Angola, XIX. 526 †; Do., San-Thomé, XIX. 658 †; Main-d'œuvre en Afrique, XIX. 398 †
- Negri, C.: biography: G. Marinelli, X. 334 †; obituary, VII. 435
- , E.: Lo Stato di Goyaz, XVII. 453 †; Lo stato di Minas Geraes nel Brasile, XVI. 127 †
- Negri Sembilan—Bemerkungen über einen kleinen Stamm von Orang Bukit: W. R. Rowland, XIII. 559 †; Reports, † XI. 452; XV. 81; XIX. 105
- Négritos, A la recherche des: Lapicque, VIII. 530 †; La Race Negrito: Id., IX. 113
- Negro, Rio, Amazon basin, XVII. 367; Photographs of Rio Negro and Upper Amazons: T. M. Teed, III. 168
- , Patagonia: P. Dusen's journey, XI. 184
- , Uruguay, XVII. 389
- Neh, Persia, XIX. 156
- Nehring, A.: Anton Wieds "Moscovia" und das zugehörige Urnsbild, IX. 686 †; Fossile Kamele in Rumänien und die pleistocäne Steppenzeit Mittel-europas, XVIII. 546 †; Fossiles Kamel aus Südrussland, XIX. 238 †; Gab es einst Wälder in der Kalmuckensteppe? XIII. 429 §, 557 †; Geographische Verbreitung der Säugetiere im östlichen Russland, etc., I. 82 †; Do. in Palästina und Syrien, XX. 354 †; Ueber die heutige Fauna, der russischen und westsibirischen Steppen, XIX. 394 †; Ursachen der Steppenbildung in Europa, VI. 579 †
- Nell, A.: Resultate der im Grossherzogthum Hessen . . . Präcisions-Nivellements, XII. 426 †
- Nellore district, Mica mining in: R. W. Thompson, XII. 431 †
- Nelson, E. M.: Meat supply of U.K., VI. 103 †
- , E. W.: Winter weather record from Klondike region, XI. 200 †
- , H. L.: The U.S. and its trade, XX. 359 †
- , Rt. Hon. Sir H. M.: address to R.G.S. of Australia, XVII. 214 †
- , J.: Direct route through N.W. Territories of Canada to Pacific, etc., III. 73 †
- Nelson river, Canada, X. 2
- Neme, XI. 667
- Nemenchas à l'est des Monts Aurès, Les pays des: J. Blayac, XIII. 679 †; XIV. 208 §
- Neneba, village and people, New Guinea, IX. 449
- Nenggiri river, Malay Pen., IX. 33
- Neo valley, Japan, effects of earthquake in, III. 214; XVII. 644
- Neogaea division of distribution of mammals, III. 97

NEUMANN

- Neotropical region of distribution of mammals, III. 98; V. 471 *; American subregion, V. 477; History of Neotropical Region: H. von Ihering, XVII. 563 †; Past history of Neotropical fauna, V. 481
- Neovius, E. R.: La densité de la population en Finlande, XIX. 766 †
- Nepal, II. 491; Nepal and China: E. H. Parker, XIII. 213 †
- Nerad, S. F.: Vztah poloostrova Appenninského ku Balkánskému, XIV. 224 †
- Nereus und Pestalozzi, Reisen der Schiffe, XII. 439 †
- Nerman, G.: Hjälmarens vattenförhållanden, XII. 428; Om farleden till Upsala och Fyris-ans reglering, XX. 121 †; Om Mälaren och dess vattenstånd, XII. 202 †; Om Vätterns hydrografi, XIII. 452; Studier öfver vattenförhållandena i svenska sjöar, XVI. 246 †
- Nero deep, N. Pacific, XV. 426
- Nero's great canal, etc.: A. Marks, XVI. 571 †
- Neruder, L. N.: Die Rosengartengruppe, XI. 307 †
- Néry, Baron de Santa Anna: L'Amazonie brésilienne, XVIII. 335 †; L'émigration et l'immigration pendant les derniers années, I. 284; Les Indiens . . . de l'Amérique chaude, XIII. 458 †; Le pays des Amazones, XIV. 585 †
- Nesla, or Dal, N. Africa, XIX. 74
- Netherlands: see Holland
- Nettilling, lake, Baffinland, XVIII. 32
- Netto, Major da S.: Terras auríferas do Caperao, IX. 464
- Netuschill, F.: Die astronomischen Gradmessungsarbeiten des k.-u.-k. militärgeographischen Institutes, XVI. 483 †
- Neuber, A.: Topisch-genetisch, XX. 130 †; Was ist ein Gebirge? X. 656 †
- Neuchâtel, Note on ancient map of: J. H. Graf, II. 89 †
- Neuffen, Der Hohe: J. Kammerer, XX. 465 †
- Neuhaus, G.: Der Obstreichthum der Insel Zanzibar, XVI. 487 †
- Neukirch, K.: Ergebnisse der dänischen Volkszählung, XVIII. 546 †
- Neumann, A. H.: Elephant hunting in E. Equatorial Africa, XI. 453 †; XII. 303 §; journey to lake Rudolf, IX. 91
- , L.: Geographie als Gegenstand des akademischen Unterrichts, IV. 91 †; Land und Leute der Schwarzwald, XX. 350 †; Methodischen Fragen in der Geographie, VII. 340 †, 665 §; Volksdichte im Grossherzogtum Baden, I. 180 †
- , O.: Bericht über seine Reisen in Ost und Central-Afrika, VI. 296 †; From Somali coast through S. Ethiopia to Sudan, XX. 373 *; journeys in E. Africa, V. 79, 384; VI. 274; XVII. 190, 528; XVIII. 214; Reisen in

NEUMANN'S

Nordost-Afrika, XVII. 677 †; Von der Somali-Küste . . . zum Sudan, XIX. 772 †

Neumann's Orts-Lexikon des Deutschen Reichs, IV. 576 †

Neumayer, G. von: Auf zum Südpol! XIX. 238 †, 362 §; Biographical sketch, XIV. 589 †; Ergebnisse neuerer erdmagnetischer Beobachtungen in den Polar-Regionen, XIX. 779 †; Neuesten Fortschritte der Bestrebungen zu . . . Erforschung der antarktischen Region, III. 350 †; on Antarctic exploration, III. 23; V. 589; on terrestrial magnetism, geodesy, and desirability of Antarctic exploration, III. 37; papers on Antarctic, III. 40; remarks at German Geographical Congress, IX. 451; Royal Society's Antarctic meeting, XI. 420; Stiller Ocean; Atlas von 31 Karten, VII. 688 †; Thätigkeitsbericht . . . für die Südpolar-Forschung, XI. 572 †; (Zweiter), XIX. 660 †; Ueber die Thätigkeit der Deutschen Seewarte, VIII. 527 †; Ueber Südpolarforschung, VIII. 422 †; Zur Geschichte der Pendelbeobachtungen, XI. 320 †

Neu Mecklenberg: *see* New Mecklenburg

— Pommern: *see* New Pomerania

Neussel, O.: Columbus' Landfall and Watling I. . . I. 190 †

Neutrality—Evolution de la neutralité: E. Descamps, XV. 675 †

Neuweiler, E.: Schweizerischer Torfmoore, XIX. 229 †

Nevada—Geology of Eureka district in: A. Hagne, Monographs of U.S. Geol. Survey, II. 380 †; Map of California and: Whitaker and Ray Co., VI. 591 †; Present and extinct lakes of: I. C. Russell, XI. 201 †

Nevado Colorado de Famatina, Primera ascension al: R. Hauthal, VII. 445 †

Nevado del Huila, Colombia, XVII. 345

Neve, E.: Ascent of Haramouk, XVI. 365 †; Picturesque Kashmir, XV. 663 †; Pir Punjal Range and Tatticooti, Kashmir, XIX. 653 †

Neville, T.: Jérusalem ancienne, XVI. 124 †

—, J. P. C.: Six tactical problems, etc., VII. 440 †

Nevins, E.: On Indian famines, XVII. 549 †

—, J. B.: Geographical picture of mediæval Europe, XIV. 110 †; Systems of colonization, X. 654 †

—, J. E.: Hindu domestic and religious customs, X. 648 †

New Africa, The: A. Schulz and A. Hammar, X. 175 §, 229 †

Newberry, J. S.: Later extinct floras of N. America, XV. 84 †

Newbigin, M.: Sir J. Murray's scheme for investigation of natural history of Forth valley, XIX. 651 †

NEWCOMB

New Britain: *see* New Pomerania; *also* Bismarck Archipelago, and New Guinea, German

New Brunswick—

Artesian and fissure wells in: G. Mathew and S. W. Kain, XIV. 461 †

Development of Surface features: R. A. Daly on: XVIII. 535

Dip of magnetic needle in: A. W. Duff, XIV. 338 †

Earthquakes, Recorded, List: S. W. Kain, XII. 634 †

Historic sites in province of: W. F. Ganong, XVII. 451 †

Mineral resources of: L. W. Bailey, XV. 195 †

Monograph of evolution of boundaries of: W. F. Ganong, XX. 468 †

— cartography of: W. F. Ganong, XII. 213 †

Natural history, etc.: W. F. Ganong, XIV. 460 †; XVIII. 111 †

Nictor lake and Upper Nepisiquit river (map): W. F. Ganong, XV. 679 †

Past and present: C. A. Duff Miller, XVII. 451 †

Place nomenclature of: W. F. Ganong, X. 553 †

Plan for general history of: W. F. Ganong, IX. 341 †

Raised peat bogs in: W. F. Ganong, XIV. 119 †

Surface geology, etc.: R. Chalmers, VIII. 190 †

Topographical work in, X. 626

Newby, J. R.: Iceland and Icelanders, † XVII. 318; XVIII. 103, 547; XIX. 228; Portugal . . . and Vasco da Gama celebration, XV. 189 †

New Caledonia—

Agriculture en Nouvelle-Calédonie: G. Garnier, XVII. 560 †

Archipel de la N. C.: A. Bernard, VII. 116 †

Café à la N. C.: L. Moncelon, X. 123 †

Chez les Oubias: J. Durand, XVII. 95 †

Colonisation agricole en N. C.: M. Russier, XVII. 680 †

Colonisation en N. C.: M. L. de Sainte-Marie, XVI. 373 †

Guide de l'Emigrant en N. C.: V. 285 †

Map—Carte de la N. C.: Laporte, XVI. 595 †

Notes on: N. Tajima, X. 458 †

Notice sur la N. C., ses richesses, son avenir, XVII. 95 †

Nouvelle Calédonie: Dubois, IX. 683 †

Situation économique de la N. C.: A. Jouannin, XIV. 342 †

Trade Rep., † XIV. 463; XIX. 237; XX. 562

Newchwang, II. 450; IV. 535, 540; Trade, VI. 383; XVI. 122 †, 576 †; XVIII. 548 †; XX. 352 †

Newcomb, S.: on ocean and atmospheric

NEWELL

currents and variation of latitude, VIII. 75

Newell, F. H.: Division of hydrography. Report of progress, VIII. 653†; XI. 317†; Hydrography in U.S., VIII. 312†, 398 §; XI. 152*, 318†; Limited water-supply of the Arid Region, XVII. 212†; Mesa Verde, XIII. 216†; National Forest Reserves, XI. 98†; Public lands and their water supply, VII. 680†; VIII. 653†; Report of stream measurements (U.S. Geo. Survey), XVI. 372†; Results of do., VII. 115†

—, H. B.: Petroleum industries at Nagaoka, VI. 441†

New England—

Distribution of certain mammals in: C. F. Batchelder, IX. 578†

Glacial wash-plains of S.: J. B. Woodworth, XIV. 684†

Humidity, Report on: A. J. Henry, IX. 579†

Map: Appalachian Mountain Club, I. 477†

Physical geography of: W. M. Davis, XI. 201†

Reading list, Colonial New England: M. C. Wilson, XIV. 340†

Typical Eskers of S.: J. B. Woodworth, V. 609†

Vital statistics of New England States, VII. 114†

New Far East, The: A. Diósy, XIII. 213†

New Forest, Village in: C. Gleig, XIX. 651†

Newfoundland—

Admiralty surveys off, IV. 27; IX. 656; XIV. 84

Approaches to Newfoundland and adjacent banks; letter from H. Magill, XVII. 315

Beothiks or Red Indians of: G. Patterson, I. 86†

Connection of England with: Sir W. Des Voeux, XIV. 683†

Découverte et évolution cartographique de Terre-Neuve: H. Harris, XVII. 451†; XVIII. 334†; XIX. 234†; 625 §

Droits de la France à Terre-Neuve, XIII. 564†

Fishing banks between Cape Cod and: W. Upham, III. 348†

France in: P. T. McGrath, XIII. 323†

French in: R. L. Dashwood, XV. 299†

Gewässer der Bank von Newfoundland: G. Schott, XI. 103†

Glacial phenomena of Labrador and: G. F. Wright, V. 274 §, 284†

Great Bank of: W. T. Main's observations, VII. 316; French fisheries on, XIII. 688†

History of Newfoundland: D. W. Prowse, VI. 196†

NEW GUINEA

Newfoundland—continued.

Intérêts français à Terre-Neuve: G. Garreau, XIII. 564†

Landfall of J. Cabot in, IX. 608

Nebel der Neufundland-Banke: G. Schott, XI. 97†, 300 §

Newfoundland and Labrador Pilot: W. F. Maxwell, XI. 570†

— and the Jingoos: J. Fretwell, VI. 196†

— in 1897: M. Harvey, XI. 96†

— question, The, XVIII. 112†, 457†

Pêche de la morue sur le grand banc de Terre-Neuve: A. Bellet, XIV. 461†

Question du French Shore: M. Charpentier, XVIII. 112†; J. de Clôture, XVIII. 641†

Reise durch Neufundland: R. Bach, XI. 96†

Rochelais à Terre-Neuve: M. Musset, XIV. 461†

Undeveloped mineral wealth of: A. E. Outerbridge, XI. 96†

New France, History and general description of: P. F. X. de Charlevoix, ed. J. G. Shea, XX. 331 §, 358†

New Georgia, Ethnographical notes in: B. T. Somerville, X. 231†

New Guinea—

Delimitation of Anglo-Dutch boundary, II. 270; IV. 284†

Inhabitants, Loria, IX. 95

Klima von New Guinea: A. von Danckelman, XVI. 255†

Korwäre oder Ahnen-bilder Neu-Guinea's: L. Surruier, XIII. 458†

Mammals, IV. 44

Neu Guinea: M. Krieger, XV. 86†

Nogmaals Nieuw-Guinea: C. M. Kan, VI. 394†

Papuan Crania, Observation on collection of: G. A. Dorsey, XI. 319†

Photographs: W. A. Lucas, XIV. 696; of Br. and Ger.: G. Brown, XV. 452; of N. G. and N. Queens-

land: R. E. Guise, XII. 552

Present knowledge of: A. Oppel, I. 471†

Vegetation, Notes on: F. M. Bailey, XIV. 463†, 585†

Villages lacustres et aériens en Nouvelle-Guinée, XII. 328†

Exploration—

Chez les Papous: R. P. Jullien, XIV. 685†

Discovery, by Antonio D'Abreu: J. R. McClymont, XIV. 463†

Expeditions—Chalmers (G. of Papua), II. 172; Dutch (S. coast), XX. 344;

Ehlers (last expedition), VII. 431;

Koch, XV. 286

Exploration en Papouasie: J. Lemoine, X. 554†

NEW GUINEA

New Guinea—continued.

- Pioneer life and work in New Guinea, 1877-94: J. Chalmers, VI. 98 †
 Through New Guinea and cannibal countries: H. Cayley-Webster, XIII. 96 †
 Unexplored areas, II. 493
 Zuidkust van Nieuw-Guinea: J. F. Niermeyer, XIX. 531 †

, British—

- Anthropogeography of: A. C. Haddon, XVI. 265 *, 414 *; XVII. 95 †
 Br. New Guinea: Sir W. Macgregor, † VI. 98; VII. 116; XIII. 683; XIV. 231; T. H. H. Richards, I. 569 †; J. P. Thomson, I. 88 †
 Correspondence . . . between Government and Syndicate of, XII. 437 †
 Country and People: Sir W. Macgregor, X. 553 †
 Customs, arts, and crafts in, XVI. 417, 437
 Decorative art of Br. New Guinea: A. C. Haddon, VI. 98 †
 Despatch from Lieut.-Governor reporting visit of inspection, XII. 544 †; XIII. 96 †; XIV. 231 †; Do. to N.E. coast, XV. 443 †; Do. Owen Stanley range, XII. 102 †; XIII. 458 †
 Expeditions — Chalmers, II. 172; Giulianetti, XII. 318; Levesey's, XIII. 436; Macgregor, I. 274; IX. 93, 449; X. 97; XII. 318, 417; Notes on Government expedition . . . to Main range: Sir F. P. Winter, XIX. 95 §, 237 †; R.C. Missionaries, XII. 418; Russell and Macdonald, XVI. 107
 Handbook for settlers in: Sir W. Macgregor, I. 282 †
 Gold rush to: J. F. Bevan, XIII. 96 †, 567 †
 Maps (Survey Dep.), I. 190 †; XVIII. 654 †; Eastern Part: Sir W. Macgregor, XIII. 333 †
 Nella Nuova Guinea Britannica: A. Giulianetti, XII. 437 †, 544 §
 Photographs of Native tattooed women: R. E. Guise, XX. 478; Scenery in vicinity of Kemp Welsh river: Id., XVI. 596
 Report of Sir H. M. Nelson on visit to, XIII. 567 †
 Reports (Annual, etc.), I. 569 †; XII. 437 †; 636 †; XIII. 540 §, 567 †; XIV. 231 †; XV. 670 †; XVI. 107 §, 703 †; XIX. 777 †
 Saguane: R. W. Thomson, XIII. 683 †
 Sir W. Macgregor's journey across: H. O. Forbes and J. P. Thomson, XII. 102 †

, Dutch—

- De Mrouwke-river, XX. 471 †
 Government of, XIII. 307
 Reise nach Neu-Guinea: E. St. Vráz, XIII. 96 †, 198 §

NEW HAVEN

New Guinea, Dutch—continued.

- Santani-meer, etc., XX. 471 †
 Uit het leven der bevolking van Windessi: J. L. van der Roest, XI. 686 †
 Velthuyzen; expedition, VII. 432
 W. and N. Coast of: F. S. A. de Clercq, IV. 380 †

, German—

- Astronomischen Beobachtungen von Dr. Lauterbach in Neu-Guinea: J. B. Messerschmitt, XVII. 680 †; Begleitworte zu der Karte des Rami-flusses: M. Moisel, XVII. 680 †
 Aus Neu-Guinea: O. Finsch, VIII. 421 †
 Bericht über eine Bereisung Neu-Mecklenburgs, XVI. 585 †
 Besuch bei den Varopu: P. J. Erdweg, XVII. 560 †
 — in Herbertshöhe: M. Wiedemann, XVII. 680 †
 Brandenburg Coast, O. Finsch on, IV. 365
 Deutsch-Neu-Guinea: Rüdiger, IX. 109 †
 Durch unbekannte Gebiet im Bismarck-Archipel: Hesse-Wartegg, XVIII. 645 †
 Erforschung von Kaiser Wilhelmsland, etc.: L. Kärnbach, VIII. 421 †
 Erziehung der Papuas zu Arbeitern: O. Dempwolff, XIII. 325 †
 Explorations, III. 519; IX. 94; X. 444; Hahl, XII. 82; Lauterbach, VIII. 641; IX. 94; XIV. 97 (*see below*); Schnee, XIV. 570; XVI. 107; Tappenbeck, XII. 81
 Hydrographische Beobachtungen, etc.: Krieg, X. 652 †
 Kaiser - Wilhelms-Land, Nachrichten über, † III. 349; XI. 571; XIII. 684; Ueber, XIV. 585 †

Expedition,

- Ergebnisse: C. Lauterbach, IX. 465 †; Bericht über die: Id., IX. 580 †; Kurze Uebersicht: E. Tappenbeck, X. 458 †; Papers on: von Danckelman, C. Lauterbach, and F. Cohn, XII. 617 §; XIII. 218 †
 Karawarra in der Neu-Laenburg-Gruppe: P. Langhans, XIII. 326 †
 Maps — Kaiser Wilhelms Land, Vorläufige Skizze: C. Lauterbach und Kersting, X. 347 †; Do. und Bismarck Archipel, II. 479 †
 Reise des Gouverneurs nach dem Süden von Deutsch-Neu-Guinea, XVIII. 337 †
 Reisebericht des Gouverneurs von Bennigsen, XVII. 95 †
 Schiele on characteristics of, I. 359
 Untere Bubui mit der Missionsstation Simbang, XII. 109 †
 New Haven, Course of geography at, XIII. 688 †

NEWHAVEN

Newhaven harbour, surveys, XIX. 656

New Hebrides—

Admiralty surveys, IV. 28

Neu-Hebriden: H. Greffrath, XII. 544 †, 636 †

Note on: Count Lanjus, II. 371

Nouvelles-Hébrides: Comte J. le G. de Saint-Seine, XI. 320 †; Aperçu historique, XI. 203 †

Resources, etc.: J. W. Lindt, I. 569 †

Reports on Solfataras and sulphur deposits of Vanna Lava, etc.: J. G. Rendle and M. D. Levat, VII. 566 †

Terre Australe inconnue, Onze croisières aux Nouvelle-Hébrides: G. Beaune, V. 285 †

Vocabulary of dialects used in: B. T. Somerville, I. 282 †

Volcanic formation, VIII. 587

W. Coast of Santo, Traditions, etc.: A. Macdonald, I. 569 †

New Iceland, Arctic, IX. 96, 101: *see* Gilies Land

New Ireland: *see* New Mecklenburg; *also* Bismarck Archipelago, and New Guinea, German

New Jersey—

Ecological study of New Jersey strand flora: J. W. Harshberger, XVIII. 234 †

Forest fires in: J. Gifford, VIII. 419 †

Geological survey, Annual Report, XX. 671 †

Geographic dictionary of: H. Gannett, VI. 489 †

Pine barrens of: C. F. Saunders, XVIII. 234 †

Newland, A. G. E.: Language of the Lais, X. 648 †

New Lands, their resources, etc.: H. R. Mill, XVI. 568 §, 592 †

Newman, G.: Bacteria, especially as related to the economy of nature, etc., XVI. 706 †

—, H. S.: Banani; Transition from Slavery to Freedom, etc., XII. 541 †

New Mecklenburg (New Ireland; *see also* Bismarck Archipelago and New Guinea, German): Count Pfeil, III. 535 †; IV. 68 §; Map of his journeys, III. 540 †; Photographs: I. Rooney, XVIII. 560

New Mexico; Enchanted Mesa: *see* Mesa; Irrigation in Mesilla Valley: F. C. Barker, XII. 100 †; Report of Governor, XIII. 324 †; XVII. 93 †

Newnes, Messrs.: Geographical pictures in "Round the World," V. 599

Newnes Land, Antarctic, XVI. 401

Newnham, Rt. Rev. Bishop: From Churchill to York on snowshoes, XVIII. 332 †

—, F. J.: Photographs of Victoria falls, Zambezi, VIII. 96

New Orleans, Battle of: C. Slack, XV. 299 †; Trade Rep., XIV. 120 †; XVI. 253 †

NEW SOUTH WALES

New Pomerania (New Britain; *see also* Bismarck Archipelago and New Guinea, German)—

Begleitworte zur Karte . . . der Insel Neu-Pommern: F. von Schleinitz, VIII. 421 †; des östlichen Teils der: Id., XII. 101 †

Coasts, Baron von Schleinitz's surveys on, XII. 81

Journeys in Gazelle Pen., XV. 182

Photographs: I. Rooney, XVIII. 560

Visit to: Hahl, XII. 82; to N. Coast: von Bennigsen, XVI. 565

Newport, American whaler, in Arctic regions, II. 463; reported high latitude attained by, III. 238

New Siberia Is.—

Account of journey in: Baron E. von Toll, IV. 188 †

Geological report: Baron Toll (Acad. Sci., St. Pétersbourg), XV. 671 †; XVI. 95 §

Nysibiriska öarne: A. G. Nathorst, VIII. 92 †

Sannikoff's journey, XII. 162

Soundings off, VIII. 390; IX. 478

Toll, Baron; expeditions to, III. 409 *; XIV. 327; XV. 651; XVI. 232, 567; XVIII. 217, 539; XIX. 221, 475 *, 510; XX. 6, 216 *

Newsom, J. F.: Drainage of S. Indiana, XX. 248 †

New South Greenland, Faustino on discovery of, XVIII. 627

New South Wales—

Aboriginal rock paintings, etc., R. H. Matthews, VII. 116 †

Agriculture in: T. A. Coghlan, XVIII. 113 †

Artesian water in: J. W. Boulton, XIV. 686 †; in Queensland and N. S. Wales: T. W. E. David, IV. 379 †

Brabourne papers, X. 231 †

Climate—Diagram of isothermal lines, III. 536 †

Coastland districts of: G. T. Wrench, XVII. 560 †

Cook, Capt., in N. S. Wales; or the mystery of naming Botany Bay: J. B. Bonwick, XVIII. 337 †, 446 §

Copper-mining industry: J. E. Carne, XV. 197 †

Birds, Destruction of native: A. J. North, XVIII. 113 †

Department of Lands, Report, † VII. 446; XII. 544; XIII. 326; XIV. 121

— of Mines, † VIII. 421; XI. 101; XIII. 326; XIV. 121; XV. 197; XVII. 560; XIX. 777; XX. 361

— of Public Works, † I. 570; XII. 328; XIII. 326

Economic geology of: W. S. Dun, XVII. 96 †

Economical railway construction in: H. Deane, XVII. 96 †

NEW SOUTH WALES

New South Wales—continued.

- Exploration in 1844, letters from E. J. Eyre, XIX. 777 †
 Gehi and Indi rivers, Geological notes : A. E. Kitson, XI. 320 †
 Geographical encyclopædia of : W. Hanson, III. 535 †
 Geological Map: E. F. Pittmann, III. 80 †; Survey: Id., XVIII. 645 †
 Geology of Broken Hill lode and Barrier ranges: J. B. Jaquet, IV. 380 †
 Gold dredging, Notes on, etc.: J. B. Jaquet, XIII. 218 †
 Hailstorms in: H. C. Russell, III. 535 †
 Historical records: F. M. Bladen, † III. 535; VII. 446; IX. 242; XIV. 585
 Ideographic carvings of aborigines at Point Piper, etc.: R. Etheridge, II. 188 †
 Industries, etc., of: Hon. J. Inglis, IV. 285 †
 Intercolonial water rights, XIX. 760
 Iron ore deposits of: J. B. Jaquet, XIX. 94 §, 237 †
 Irrigation in: H. G. McKinney, IV. 380 †
 Jenolan caves and Blue mts.: Argus, XIV. 686 †
 Kiandra Lead, Report: E. C. Andrews, XX. 361 †
 Map (Dept. of Lands), XV. 679 †
 Mercury or Quicksilver in: J. E. Carne, XVI. 491 †
 Meteorological observations, etc.: H. C. Russell, II. 188 †; XVIII. 236 †;
 Meteorology of: Id., X. 458 †; XII. 544 †
 Mother country of the Australias: F. Hutchinson, IX. 242 †
 Notes on occurrence of bismuth ores: J. A. Watt, XIV. 121 †
 Photographs of artesian bores, X. 236;
 of Monaro district: J. Brooks, III. 444; of neighbourhood of Mt. Kosciusko, III. 444
 Physical geography and climate of: H. C. Russell, I. 169 §, 185 †
 Picturesque N. S. Wales: T. A. Coghlan, XIX. 777 †
 Precious stones in: J. M. Curran, X. 652 †
 Rabbit-proof fences, XIII. 307
 Railway construction, surveys, etc.: C. O. Burge, XII. 544 †
 Rain, etc., observations: H. C. Russell, † III. 536; VI. 198; VIII. 421; XIV. 463; XVI. 586; Average monthly rainfall: Id., IX. 242 †; of S. Riverina: H. C. Kiddle, IX. 242 †
 Reminiscences of: Hon. S. A. Stephen, XV. 443 †
 Rock temperatures, Records: J. L. C. Rae, E. F. Pittmann, and T. W. David, XVI. 586 †
 Sites for seat of Government of Commonwealth; Report of Commissioner, XVIII. 538 §; XIX. 403 †

NEW YORK CITY

New South Wales—continued.

- Statistical register: T. A. Coghlan, † VIII. 421; XI. 101; XIV. 463; XVI. 255; XVIII. 337; XX. 562
 Statistics, history, and resources, XVI. 585 †; XVIII. 236 †
 Submerged forest near Sydney: R. Etheridge, T. W. E. David, and J. W. Grimshaw, XI. 101 †
 Trawling expedition of H.M.C.S. *Thetis*, Scientific results, XVI. 128 †; XVIII. 236 †
 Trigonometrical survey, XIII. 306; XIV. 463 †
 Water conservation surveys: H. McKinney, XI. 102 †
 Wealth and progress of: T. A. Coghlan, † III. 163; VII. 446; VIII. 421; XI. 101, 456; XII. 544; XV. 443; XVII. 95
 Year-Book, XX. 361 †
 Newton, E. T., and J. J. H. Teall: Rocks and fossils from Franz Josef Land, XIII. 96 †
 —, H. A.; biography: J. W. Gibbs, X. 555 †
 —, M.: Life in Bermuda and tropics, X. 231 †
 Newtonville sand-plain: F. P. Gulliver, III. 533 †
New York State—
 Census bulletin, Indians, I. 474 †
 Climate of: J. M. Jameson, X. 122 †
 Finger lakes of: A. P. Brigham, II. 280 †
 Geological map, Preliminary, IX. 247
 Glacial erosion in Finger-lake regions of: D. F. Lincoln, III. 349 †
 Glacial lakes in: H. L. Fairchild, XIV. 120 †
 Map of New England and E. New York, I. 477 †
 Mapping of, IV. 149; VI. 393 †; Stevens' facsimile of unpublished British Headquarters . . . map, XIX. 414 †
 Physical geography of: R. F. Tarr, † VIII. 419; X. 122; XII. 100, 543; XIV. 120, 229, 584; XV. 299, 554; E. T. Turner, XVI. 253 †
 Report on progress of State Land Survey, V. 91 †
 Slate belt of E. New York and Vermont: T. N. Dale, XVI. 371 †
 State Library, bulletins and report, XI. 106 †
New York City—
 Anthropological investigations on . . . children of juvenile asylum: A. Hrdlicka, XIV. 461 †
 Chinatown in: C. Steffens, XI. 98 †
 Greater, V. 82; Gross-New-York: C. Steffens, XII. 100 †
 King's Handbook, III. 534 †
 New York, ses faubourgs et ses habitants: E. Silvercrus, VIII. 653 †
 Trade Rep., XVI. 253 †
 — Central railway, XIII. 522

NEW ZEALAND

New Zealand—

- Alps, birds of, VII. 489, 592; fauna, I. 41; VII. 485, 502; glacial period, VII. 486; Climbs in New Zealand Alps: E. A. Fitzgerald, VIII. 421†; In the New Zealand Alps: E. A. Fitzgerald, VI. 584†; Pioneer work in: A. P. Harper, IX. 328§, 343†; Southern Alps of New Zealand: D. W. Freshfield, IX. 465†; First crossing of Southern Alps of: E. A. Fitzgerald, VII. 116, 483*; Photographs: E. A. Fitzgerald, VII. 576; Südlichen Alpen Neu-Seelands (Reisen in): F. Kronecker, XI. 320†; (Wanderungen in): Id., XIII. 326†; Travelling in, VIII. 402; Westland Alps; explorations of C. E. Douglas and A. P. Harper, V. 61
- Ancient pit dwellings of Pelorus district: J. Rutland, XI. 102†
- Aotea Canoe, The: S. P. Smith, XVIII. 114†
- Architectural art in: S. H. Seager, XVII. 454†, 560†
- Artesian well system at base of Port hills: S. Page, XIX. 777†
- Auckland and Taranaki: Lands and Survey Office, Wellington, II. 384†
- Avifauna Neu-Seelands: O. Finsch, VII. 446†
- Census, X. 554†; Report: E. J. von Dadelszen, XII. 544†
- Colonial museum and Geological Survey, Catalogue of library, XVIII. 650†
- Crown Lands Guide, X. 123†
- Deep sea fauna: A. Hamilton, X. 554†
- Department of Lands and Survey, Reports, III. 61§; VI. 584†; IX. 243†; XI. 203†; XII. 636†; XV. 70§, 86†; XVII. 96†; XIX. 221§, 531†
- Dusky Sound, On: R. Henry, IX. 243†; Exploration between Dusky Sound and Lake Manapouri: T. Mackenzie, IX. 465†
- Earthquake motion as observed in: G. Hogben, XV. 670†
- Extinction of fur seals in, III. 521
- First complete ascent of Aorangi, VI. 585†
- Fjords of, Physical history: J. M. Maclaren, XX. 672†
- Flours des Antipodes: R. P. Cognet, XIII. 684†
- Forests of: A. Hamilton, IX. 243†
- Fortunate Isles: Picturesque N. Z.: Hon. W. P. Reeves, IX. 243†
- From N. Z. to Norway: Mrs. Suisted, VI. 398†
- Future of N. Z. bush: P. Walsh, XV. 670†; XVI. 108
- Geography, Statistics, etc.: R. A. Loughnan, XVIII. 645†
- Geological history of: F. W. Hutton, XVII. 560†

NEW ZEALAND

New Zealand—continued.

- Geology of district between Napier and Puketotiri: H. Hill, XVII. 560†
- Glaciers, Ancient: F. W. Hutton on, I. 359; Exploration and character of principal: A. P. Harper, I. 32*
- Handbook: T. W. Pennefather, III. 75†; Do., with map (Emigrants Information Office), X. 123†
- History of: G. W. Rusden, VII. 446†
- Horowhenua Commission: Sir W. Buller, IX. 243†
- Illustrations of Darwinism and other papers: Sir W. L. Buller, VI. 99†
- Long White Cloud, The: W. P. Reeves, XIII. 326†
- Mammals and birds, IV. 47
- Maori names, J. S. Rutherford's suggestion for retention of, II. 172; Native names for places: T. White, XVII. 560†
- Map (Dept. of Lands and Survey), XIX. 414†; N. and Middle Is. of (Surveyor-General's Office), XVIII. 348†; Taupo country, III. 355†
- Meteorology of Canterbury and Westland, etc.: J. T. Meeson, VII. 116†
- Moas of: F. W. Hutton, III. 75†
- Nelson Boulder Bank: W. F. Worley, XVII. 560†
- Neuseeland: R. von Lendenfeld, XVII. 96†
- N. Island of, J. Park on discovery of granite rocks in, 371
- Notes on Tongariro-Ruapehu Volcanic Mts.: L. Cussen, I. 570†
- New Zealand: W. B. Perceval, I. 378† — in 1895: J. G. Ward, VI. 394†
- On the tracks of Capt. Cook: E. E. Morris, XIX. 777†
- Otago, W., Explorations in: T. Mackenzie and W. S. Pillans, IX. 465†
- Planktonausflug . . . Neu-Seelands: A. Kraemer, VII. 566†
- Plant-acclimatisation in: G. M. Thomson, XIX. 777†
- Population of: H. W. Segar, XIX. 777†
- Reconnaissance survey from Tekapo to Mt. Cook: T. N. Broderick, XII. 102†
- Reports on mining and minerals, VII. 682†
- Sketch of N. Z. war: M. S. Grace, XIV. 686†
- Statistics of Colony, †VII. 566; IX. 343; XIV. 463; XVII. 454; XVIII. 458; XX. 361
- Student's flora of New Zealand, etc.: T. Kirk, XV. 86†
- Survey work, Surveyor-General (S. P. Smith) on, III. 61; XV. 70; A. Barron on, XIX. 221
- Tables . . . for time and height of high water: W. N. Goalen, XIII. 325†
- Tasman and his Journal: T. M. Hocken, IX. 243†

NEW ZEALAND

New Zealand—*continued*.

- Taupo Plains, Composition of soil: J. A. Pond and J. S. MacLaurin, XVII. 680 †
- Te Whanga-Nui-A-Tara; Wellington in Pre-Pakeka days: E. Best, XIX. 531 †
- Three ascents in: E. A. FitzGerald, VIII. 193 †
- Tohunga-Maori (priest and his function): S. P. Smith, XVII. 560 †
- Unexplored areas, II. 495
- Visit to volcanic zone: H. M. Cadell, XI. 571 †
- W. coast exploration: A. Harper, IX. 243 †
- Wirtschaftlichen Verhältnisse Neuseelands: E. Jung, XV. 197 †
- Year-books, Official, † III. 163; V. 285; VII. 336; X. 123; XI. 320; XIII. 458; XV. 300; XVII. 454; XIX. 777
- Neza-i-Sultan, IX. 414
- Ngai, Donyo, E. Africa, VI. 275
- Ngami, lake, C. Africa, II. 487; Fleck's Journey across Kalahari to, I. 461
- Ngamiland; geological formations, XI. 181; Höhenverhältnisse des: G. V. Elsner, XVII. 677 †; Passarge's expedition in, X. 212; XIII. 661; XIV. 310*; Reisen im: S. Passarge, XIV. 228 †
- N'Gandu town, Congo, V. 431
- Ngare Ndare river, E. Africa, II. 539
- Songoroi, E. Africa, IV. 412
- Ngaroni or Gerguess mt., E. Africa, II. 535
- Ngaumdere, W. Africa, V. 50
- Ngoko river: *see* Goko
- Ngolo, Kamerun—Resa till Ngolo-landet, etc.: G. Waldau, VII. 563 †
- Ngomeni, mt., E. Africa, IV. 117
- Ngona or Ngwena river, IX. 60
- Ngong river, E. Africa, IV. 508
- Ngoni tribe, C. Africa: *see* Angoni
- Ngovi mt., E. Africa: *see* Theunka
- Nguki, Donyo, E. Africa, IV. 314
- Ngumba in Südkamerun: E. Conradt, XX. 467 †
- Nguru, Usagara and Rubcho mts., XII. 189
- Ngurumani, position, IX. 91
- Niagara**—
- Ancient drainage at: P. W. Currie, XVIII. 642 †
- Annual Report of Commissioners . . . at, VII. 204 §; XI. 98 †
- Another episode in history of: J. W. Spencer, XIII. 323 †
- Arching of surface of, VIII. 405
- British Ass. at, XI. 316 †
- Duration of Niagara Falls and history of the Great Lakes: J. W. Spencer, V. 172 §, 185 †; VII. 115 †, 204 §
- Harnessing Niagaria: G. Forbes, VI. 489 †

NICARAGUA

Niagara—*continued*.

- Niagara and the Great Lakes: F. B. Taylor, VI. 196 †
- Falls and their history: G. K. Gilbert, XI. 201 †
- on tap: T. C. Martin, IX. 241 †
- Utilization of: T. C. Martin, X. 122 †, 540 §; XIII. 565 †
- Niangzu, Ladakh, XII. 264
- Niambari, position, IX. 390
- Niam-Niam (Zande or A-Zande) tribe, VI. 466; Pays des Niams-Niams: De la Kéthulle, X. 456 †; Premiers éléments du langage . . . Niam-Niam: A. Colombaroli, VII. 333 †
- Nianam river, Somaliland: *see* Omo
- Niari, Le bassin minier du: A. Le Châtelier, XVI. 580 †; la vallée du Niari-Kouilou, etc.: L. Jacob, V. 182 †
- Nias—Raffles' betrekkingen met Nias in 1820: P. H. van der Kemp, XVIII. 326 †
- Nicaragua**—
- Bureau of American Republics, Bulletin, VII. 681 †
- Canal, VII. 316; X. 56, 329; XIII. 435; XIX. 327; American Inter-oceanic canal: J. Nimmo and E. Johnson, XIV. 685 †; Bericht der Nikaraguakanal-Kommission von 1897-99: K. Sapper, XX. 128 †; Canal de Nicaragua: J. H. Franklin, XVIII. 336 †; El canal de Nicaragua: D. J. Sobral, XI. 99 †; Do., estudios sobre: A. Lhopis, XIV. 463 †; Inter-oceanic Canal through Nicaragua, VII. 565 †; Key of the Pacific: A. R. Colquhoun, VII. 217 †; Nicaragua and the Isthmian routes: A. P. Davis, XIV. 462 †; Nicaragua canal: T. W. Hurst, VI. 108 †; Do.: G. W. Sherwood, VI. 393 †; Do. in its commercial and military aspects, XIII. 95 †; Do. in its geographical and geological relations: A. Heilprin, XVI. 127 †; Do., question, Physico-geographical aspects: Heilprin on, XV. 647; Do. route: C. W. Hayes, XIV. 685 †; Nicaragua-Kanal: H. Polakowsky, IX. 579 †; XIV. 121 †; Physiography of: C. W. Hayes, XIV. 463 †; Present state of: A. W. Greely, VII. 445 †; Report on: G. P. Scriven, VII. 565 †; Strategic . . . value of: G. W. Melville, XII. 640 †; Water supply for: A. P. Davis, XVI. 585 †
- Du lac de Grenade à Greytown: P. Biolley, VII. 565 †
- Etude économique sur: D. Pector, II. 381 †
- Fahrt auf dem Princepula und Banbanaflusse: O. Lerche, IX. 242 †
- Geologische Karte des nördlichen Teiles: B. Mierisch, V. 510 †
- Hydrographic area of Rio Wanque or Coco in: J. Crawford, II. 281 †

NICARAGUA

Nicaragua—continued.

- Hydrography of: A. P. Davis, XIX. 403 †
 Journey in gold district of: B. Mierisch, I. 378 †
 Journeys in: K. Sapper, XV. 284
 Lecture on: A. R. Colquhoun, VII. 335 †
 Maps—Gold mine district, etc.: B. Mierisch, I. 383 †; Official map: M. Sonnenstern, XIII. 463 †; Railway and water routes: G. E. Church, XI. 110 †
 Nicaraguanische Erdbeben: K. Sapper, XIII. 682 †
 N. E. Nicaragua: J. M. Nicol, XI. 658 *
 Notice historique: H. Jalhay, XV. 442 †
 Reise quer durch: B. Mierisch, VI. 98 †
 Rubber forests of Nicaragua and Sierra Leone: A. W. Greely, IX. 687 †
 State of Nicaragua of the Greater Republic of C. America: G. Niederlein, XV. 669 †
 Tangweera: C. N. Bell, XV. 196 †
 Trade Rep., XV. 441 †; XVIII. 336 †
 Voyages et travaux géogr. . . . dans le cours du XIX^e siècle: D. Pector, I. 184 †
 Nicaragua lake, XIX. 320
 Assumed inconstancy in level of: C. W. Hayes, XVI. 254 †
 Shrinkage of, XVII. 558 †
 Tiefenkarte des Nicaragua-Sees, nach den Aufnahmen der Nikaragua-kanal Kommission, XIX. 537 †
 Water supply of: A. Heilprin, XVII. 558 †, 664 §
 Nice and district, Photographs: J. Jackson, III. 356; Trade Rep., XVI. 361 †
 Nichicun lake, Labrador, V. 518
 Nicholas, F. C.: Economic geology of Jamaica, XV. 85 †
 —, F. W.: Geological and physical conditions in Tropical America, X. 122 †, 542 §
 Nicholas II., Travels in the East of: Prince E. Oskhtomsky, IX. 117 †
 Nicholl, J. L.: obituary, IX. 333
 Nicholls, H. A.: Harmfulness of bush fires, XVII. 682 †; Ores of Colombia, XIV. 684 †
 Nickles, R.: Sur la tectonique . . . Montagne-Noire, XIII. 87 †; Phénomènes de recouvrement dans la zone subbétique, XIX. 767 †
 Nicobar Is.—
 Extracts from diaries kept in Car Nicobar: V. Solomon, XX. 555 †
 Nicobar and Andaman Is.: G. Schlegel, XII. 430 †; R. C. Temple's explorations, IX. 320
 Notes on the Nicobarese: E. H. Man, XI. 312 †
 Unpublished document about the Nicobars: R. C. Temple, XVII. 550 †

NIGER

- Nicol, J. M.: N.E. Nicaragua, XI. 658 *
 Nicolas, P.: Notices sur l'Indo-Chine, XVII. 87 †
 Nicopolis road, VIII. 468
 Nicoya, gulf of, Costa Rica, X. 61
 — penins., X. 59
 Nielsen, Y.: Atlas og Sahara, V. 181 †; Chimufolket og dets gamle Kultur, XVII. 559 †; Elvind Astrup, VII. 449 †; Neueste Werk über die geographische Onomatologie Norwegens, XVI. 362 †; Valamo i Ladoga, XI. 682 †
 Niermeyer, J. F.: De geschiedenis van de lijn van Wallace, XI. 313 †; De Kustlijnen van Timor en Roti, XVIII. 107 †; De vulkaan Idjén en Besoekei, XVII. 209 †; De uitbarsting van 1593; Raam of Ringgit? XIX. 654 †; De Zuidkust van Nieuw-Guinea, XIX. 531 †
 Nies, J. B.: Notes on a Cross Jordan trip, XIX. 232 †
 Nieuwenhuis, A. W.: Durchquerung Borneos, XI. 568 †; Expédition scientifique dans . . . Bornéo, XIII. 532, 678 †; Feestrede ter gelegenheid van de plechtige ontvangst van: A. L. van Hasselt, XX. 473 †; In Centraal-Borneo, XVIII. 230 †, 297 §; Journeys across Borneo, IX. 89, 220; XI. 297; XVIII. 87; Karte des Mahakam-Flusses in Borneo, XI. 326 †; Mededeelingen over eene Commissie-reis naar Centraal-Borneo, XVIII. 230 †; Do. (over het vervolg der), XIX. 397 †; Tweede reis van Pontianak naar Samarinda, XVII. 89 †; XVI. 366 †
 Nieve Penitente, R. Hauthal on, XX. 347
 Nièvre, Vallée de la: J. V., XIII. 88 †
 Niger river and basin (*see also* Nigeria *below*)—climate (Upper region), X. 390; delta, VI. 206; European trade (Niger and Benue), V. 53; navigation and scenery, VI. 208; source (altitude and country round), X. 245; swamps, VII. 271
 Bassin du, XIV. 337 †; XV. 82 †
 Campaigning on Upper Nile and Niger: S. Vandeleur, XI. 569 †; XII. 304 §
 Cours du, IX. 463 †
 Future of the: F. A. Edwards, XIV. 460 †
 Life and death in Niger Delta, XI. 684 †
 Maps—Atlas du cours du Niger: E. Caron et P. Lefort, XI. 326 †; Boucle du Niger: Spieq, X. 660 † XIII. 691 †; Country on left bank, V. 273; Cours du Niger: Hourst, IX. 691 †; XV. 202 †; Delta, IX. 218; Niger and Upper Nile region: W. & A. K. Johnston, XI. 579 †; Source of, memorandum on map, X. 398 †
 Navigation (Middle), XI. 298; Flottille du Bas-Niger à Say: A. Terrier, XVIII. 330 †; Navigabilité du bas Niger: Lenfant, XX. 357 †, 558 †; Navigation du Niger, XV. 552 †

2 F

NIGER

Niger river and basin—continued.

- Do.; Flottille du Capit. Lenfant, XIX. 400 †
- Niger River and territories: J. H. Jackson, IX. 463 †
- Régime du Niger: H. Busson, V. 283 †
- Source of the Niger; Photo-longitude plates taken by A. H. Tyler; Report, X. 400
- Upper Niger and Soudan: L. Nott, VII. 333 †
- Voie de pénétration vers: E. Salesse, IX. 239 †
- Exploration, VI. 184
- Au Niger, Récits de campagne, 1891–2: Péroz, V. 607 †
- Baillaud, XVI. 227
- Bend of Niger—Dans la boucle du Niger, XI. 95 †; XII. 99 †, 633 †; F. Dubois' explorations, XI. 668; French do., VI. 386; Mission Blondiaux, XIV. 118 †; Missions françaises, IX. 681 †; Résultats . . . des explorations: H. Schirmer, XII. 211 †
- Copland-Crawford, Niger delta to Benin river, VII. 661
- Dahomey au Niger: P. Vuillot, XII. 99 †
- England and France on; the race for Borgu: Sir F. D. Lugard, VI. 296 †
- Expedition to Borgu: Sir F. D. Lugard, VI. 205 *
- French explorations, VIII. 517 (*see* Bend of Niger, *above*)
- German, VI. 184
- Gruner, VII. 96
- Hourst, VII. 98; VIII. 72, 635; IX. 220, 444, 463 †; Descente du Niger par la Mission Hourst, IX. 463 †; Mission hydrographique du Niger: Hourst, IX. 340 †; Personal narrative, XIII. 455 †; Réception-Conférence de Hourst, XI. 95 †; Réception de la Mission Hourst, IX. 577 †; Sur le Niger: Hourst, XI. 95 †; XII. 99 †, 305 §
- In the Niger country: H. Bindloss, XIII. 421 §, 560 †
- Lenfant, XVII. 661; XVIII. 623; Flottille du Niger: E. Lenfant, XVII. 449 †; Montée du Niger; Mission Lenfant, XIX. 400 †; *see above*, Navigation
- Résultats . . . des explorations du Niger: C. Guy, XV. 82 †
- Tombouctou aux bouches du Niger: R. Hacquard, XI. 95 †
- Toutée, VII. 97; Dahomé, Niger, Touareg, IX. 463 †; X. 177 §
- Trotter (source), VII. 313; Expedition to source of Niger: J. K. Trotter, X. 237 *, 386 †; XI. 95 †; (places astronomically fixed), X. 397;

NIKOLAEFF

Niger river and basin—continued.

- Sources, etc.: J. K. Trotter, XII. 99 †, 305 §
- Ueberblick über die Niger Expeditionen, etc., 1895, B. Förster, VII. 114 †
- French territories: *see* Exploration *above*, and Africa, Fr. W.
- Niger Company, Royal; letters, notes, and balance sheets, XV. 665 †
- Nigeria** (*see also* Sudan)—
- British Nigeria: A. F. Mockler-Ferryman, XIX. 772 †
- Niger territories, XV. 281
- Campaigning on the . . . Niger: S. Vandeleur, XI. 569 †; XII. 304 §
- Frontiers—British with French territory: *see under* Africa, Fr. W.; Deutsch-englischen Grenze zwischen dem Niger Coast Protectorate und der . . . Kamerun: von Besser, XIII. 215 †
- Glance at: H. Bindloss, XIV. 682 †
- Journey to Pali and Maimali: P. A. Clive, XIV. 177 *
- Nativeraces in: C. F. Harford-Battersby, XX. 126 †
- Niger and Yoruba notes: C. F. Harford-Battersby, X. 229 †; XII. 98 †
- Niger Coast Protectorate Reports, XIII. 680 †; XVI. 124 †
- Nigeria and its trade: H. Bindloss, XVIII. 551 †
- our latest protectorate: C. H. Robinson, XV. 665 †
- Northern Nigeria, Report, XX. 126 †
- Noupé et les prétensions de la Cie. Royale du Niger, VI. 296 †
- Nupe and Ilorin: S. Vandeleur, X. 349 *
- Photographs: Clive, XV. 563
- Recruiting expedition under H. Bryan and E. B. Macnaghten; Report, XIV. 447 †; XV. 298 †
- S. Nigeria, Aro country; Venour's notes, XX. 88 *
- S. Nigeria Protectorate; reports, XVII. 661, 677 †; XX. 558 †
- Sudan Campaign, Report: Sir G. Goldie, XV. 439 †
- W. African Frontier Force (Colonial Reports), XIV. 460 †
- Nijhoff, M.: Bibliotheca Historico-Geographica Neerlandica, VIII. 528 †
- Nikaria I.—Ile d'Iearia: M. H. Hautte-cœur, XVII. 210 †; Insel Nikaria (map): L. Buchner, V. 287 †
- Nikaschinovitsch, B.: Bosnien und die Herzegovina, XVIII. 545 †
- Nikitin, S.: Bibliothèque géologique de la Russie, † VII. 676; IX. 678; XIII. 211; Deux sondages profonds et les anomalies du magnétisme terrestre dans . . . Koursk, XVIII. 104 †; La vallée de la Soura, XVIII. 104 †
- Nikki, W. Africa, VI. 218
- Nikolaëff, population, X. 199

NILE

Nile—

- Barrage, XIV. 663; Do: I. Bowes, XVI. 488 †
 Cataracts, The: Sir W. Butler, XI. 198 †; Coloration noire des rochers formant les cataractes du Nil: Lortet et Hugounenq, XX. 246 †, 655 §; Particularités de la première et de la seconde cataracte du Nile: A. de Claparède, XIX. 399 †
 Dams and reservoirs, IV. 577; XIII. 432; XVI. 103; Barrage du Nil au dessous d'Assouan: A. de Claparède, XIX. 399 †; Fayoum and Rayan-Moeris Reservoirs: C. Whitehouse, IV. 377 †; Reservoir dam at Assuân and after: W. Willcocks, XIX. 655 †; Reservoirs, The: H. D. Pear-sall, VII. 214 †; Scheme for embanking waters of: E. Hull, XII. 542 †; Staubecken des Nil bei Assuan: A. Zimmermann, XII. 325 †; Travaux en cours d'exécution dans la vallée du Nil: J. Brunhes, XIV. 336 †
 Delta, Deposits of the: J. W. Judd, IX. 681 †; X. 539 §; Desert sand-dunes bordering the: V. Cornish, XVI. 438 †; XVI. 250 †
 England and France in Nile valley: Sir F. D. Lugard, VII. 214 †
 Fertility of valley, IX. 315
 Flood supply, XVII. 307
 Former course, IV. 512
 French on: F. A. Edwards, XI. 569 †
 Geological discoveries in Nile valley: H. Beadnell, XVII. 528 §, 553 †; Découvertes géologiques dans le vallée du Nil, etc., Id.: XIX. 655 †
 Geology of Nile valley, etc.: E. Hull, VIII. 93 †, 418 †
 Hydrographie des oberen Nil-Beckens: E. de Martonne, XI. 453 †, 548 §
 Hydrology of basin of: Ventre Bey, III. 348 †
 Irrigation: *see subheads* Dams, and Upper Nile
 Journey from the Nile to Suakim: F. Villiers, XI. 454 †
 — through Abyssinia to: H. W. Blundell, XV. 97 *
 — through Uganda, down Nile to Gondokoro: Sir C. N. E. Eliot, XX. 611 *
 Journeys: H. H. Austin's, XV. 279; Gibbons', XVI. 104
 Les Egyptiens connaissaient-ils la source de leur fleuve? Ventre Bey, V. 283 †
 Low Nile of 1899, in Relation to Cotton Crop of 1900: S. W. Wallace, XV. 550 †
 Maps—Philip's map of Nile valley, X. 659 †; XI. 691 †; Do., approaches to Khartum: G. Philip, XII. 645 †; Stanford's, X. 659 †; Upper Nile and Niger: W. A. and A. K. Johnston, XI. 579 †

NILE

Nile—continued.

- Navigability and water-supply of, XVIII. 88
 Negro Nileland and Uganda, XVIII. 551 †
 Nile and Congo—Bassins du Haut-Nil et Moyen-Congo: J. Hansen, IV. 582 †; Nile-Congo watershed: Cureau's surveys, XIII. 69
 Nile-and-Ister meridian of Herodotus, VIII. 618, 619
 — and Zambesi Systems as Waterways: A. St. Hill Gibbons, XVIII. 232 †
 — flood, 1892: W. E. Garstin, XIV. 227 †
 Nilens kilder af skolebestyrer: C. J. Skattum, XIII. 322 †
 Nil-Gezeiten und Bewässerung: P. Kupka, I. 567 †
 Origine des noms géographiques—Le Nil Noir: W. Groff, IX. 106 †
 Peuples du Haut Nil: E. de Martonne, IX. 462 †, 577 †; X. 95 §
 Political control of Nile; S. White valley on, XV. 61
 Railway along, VIII. 495
 Report on Nile and country between Dongola . . . and Omdurman: Count Gleichen, XIII. 562 †
 Sacred Nile: J. N. Lockyer, I. 470 †
 Sources — Kandt's investigations, *see* Africa, Central; Discovery of sources of: P. Asmussen, IV. 189 †; Land of the Nile springs: Sir H. Colville, VI. 487 †; Les Egyptiens connaissaient-ils la source de leur fleuve: F. Ventre Bey, V. 283 †; tribes near, IV. 249; Ueber die neuesten Forschungen im Gebiet der Nil-Quellen: Graf von Götzen, XIX. 398 †
 Southern Nile watershed, XVI. 559
 Survey, Proposed, XIV. 227 †
 Territorial arrangements in Nile region, IV. 56
 The Nile: Sir C. Scott-Moncrieff, V. 606 †
 Upper Nile—Belgian occupations, XIII. 70; Campaigning on Upper Nile and Niger: S. Vandeleur, XI. 569 †; XII. 304 §; Dry summer on Upper Nile: A. D. Milne, XV. 550 †; Former Roman Catholic Mission on the Upper Nile: W. A. Crabtree, XIX. 232 †; French operations in valley of, XI. 169; Irrigation projects on, Sir W. Garstin's Report: E. G. Ravenstein, XVIII. 398 †; Le commandant Henry sur le Haut Nil, XV. 550 †; Mahdist power on: A. J. Wauters on, VII. 552; Photographs: E. A. Stanton, XV. 564; Port of, etc.: J. Heatley, VI. 571 §; VII. 113 †; Question du Haut-Nil et le point de vue Belge: V. Collin, XV. 297 †; Do. et le point de vue juridique: R.

NILE

Nile—continued.

- Teissière, XV. 438 †; Sudd-cutting, XVIII. 400; Swamps, XIV. 208; Two years' travel in . . . and Upper Nile: C. F. S. Vandeleur, IX. 369*
 Vers le Nil français: C. Castellani, XIII. 418 §
 Victoria Nile, IX. 370, 375
 Westlichen Rande des Nilthals, etc.: G. Schweinfurth, XVII. 553 †
 White Nile; Bird hunting on: H. F. Witherby, XIX. 656 †; Fauna of White Nile and its tributaries: S. S. Flower, XVIII. 330 †; Photographs: H. H. Wilson, XX. 136; Sudd, XV. 234; XVI. 103; Do.: E. S. Crispin, XX. 318*
 Nile, Blue: *see* Blue Nile
 Nilgiri Hills, anthropology of Todas and Kotas of: E. Thurston, VIII. 529 †; Nilgiri Mountain Railway: W. J. Weightman, XIX. 396 †
 Nilis; explorations between Welle and Darfur, VII. 203, 428
 Nilotic tribes, Kavirondo, XII. 365; XX. 330
 Nilsson, H.: Botaniska arbetena under Andrée-afterforsknings-expeditionen till Sibirien, XIV. 581 †
 Nilssen, P.; supposed discovery of new island off Franz Josef Land, XIII. 74
 Nimbuluk, Persia, XIX. 153
 Nîmes, Antiquities of, and its environs: M. Menard, I. 474 †
 Nimmo, J.: Nicaragua canal in its commercial and military aspects, XIII. 95 †
 Nimrud Dagh, Kurdistan, III. 83; VI. 176
 Nimule, Upper Nile, XX. 614
 Nina-Nina fly of Bolivia, III. 113
 Ninchen-Tangla, mts., Tibet, VII. 467, 482; VIII. 7
 Ning-hsia-Fu, III. 360, 469
 Ningpo, Trade Rep., † XII. 540; XIII. 677; XVI. 122
 Nioro, Exploitation commerciale de la région du: P. Ducret, XII. 434 †
 Nipped oldland, stage of coast change, IX. 542
 Nippoldt, X.: Harmonischen Analyse erdmagnetischer Beobachtungen, XIII. 687 †
 Nippur, or Explorations: . . . on the Euphrates: J. P. Peters, XI. 92 †; Recent excavations of [Pennsylvania] University at: H. V. Hilprecht, XV. 81 †
 Nirehuan river, Patagonia, XVI. 201
 Nisbet, H.: Colonial tramp, IX. 109 †
 —, J.: Burma under British rule and before, XIX. 524 †; railways in Burma, etc., XIII. 558 †
 Nishiwada, K.: Reise nach Scheshol in Nord-China auf dem Lan-hô, XIX. 652 †
 Nisibin or Nesibin, VII. 658
 Nisida, crater island, X. 430
 Nissen, H.: Italische Landeskunde, XX. 351 †

NOLDE

- Nitche, R. L.: Indiens Guayakis du Paraguay, XIV. 567 §; XV. 300 †
 Niti pass, Himalayas, II. 261
 Niuafou I., S. Pacific, Visit to: B. T. Somerville, VII. 65*; letter from C. Trotter on, VII. 210
 Niue I., Pacific, II. 272; Description and Vocabulary: H. Williams and E. Tregear, II. 173 §, 381 †; Savage Island, account of a sojourn in Niue and Tonga: B. Thomson, XX. 249 †
 Niven, W. N.: Distribution of forest trees in Scotland, XIX. 767 †
 Niya oasis, IX. 548
 — river, C. Asia, Archaeological Discoveries in Neighbourhood of: M. A. Stein, XVIII. 549 †; XX. 598
 Nizam-ul-Mulk, Chief of Chitral, V. 417, 422, 425
 Njemps Ndogo, E. Africa, IV. 410
 — to Marich, Save, and Mumia's: H. H. Austin, XIV. 307*
 Njoko river, Zambezi basin, IX. 124, 134, 146
 Nkata bay, Lake Nyasa, longitude of, XIV. 667; C. F. Close on, XV. 75
 Nkole: *see* Ankole
 Nkonde plain, V. 113
 Nkongwe Aloe, V. 546
 Noble, F. P.: Chicago Congress on Africa, III. 160 †
 —, J.: Illustrated Handbook of Cape and S. Africa, II. 564 †; III. 498 †
 Nocentini, L.: Città di Succiu e la sua industria serica, XII. 323 †; Interessi italiani nella Cina, IX. 338 †; Materiali per la geografia della Corea, VIII. 651; Scoperta dell' America, attribuita ai Cinesi, IV. 91 †
 Noddawai river, Canada, X. 1, 11; Bell's survey, IX. 277; fauna and flora of district of, X. 12
 Nodushan, Persia, VII. 170
 Noël, De la: Méthodes photographiques en topographie, X. 232 †
 Noel, C.: Histoire du commerce du Monde, I. 188 †; IV. 472 †; Quel est le régime économique qui favorise le plus la colonisation? XVII. 455 †
 Nœtinger, F.: Excursions en Corse, VIII. 306 †; XI. 447 †; Suisse niçoise, XIII. 318 †; Vallée du Var, XV. 660 †
 Nœtting, F.: Miocene of Burma, XVII. 88 †; Occurrence of petroleum in Burma, XI. 567 †
 Nogal valley, Expedition to: Lieut. E. Swayne, III. 72 †
 —, Wadi, Somaliland, II. 360
 Nogues: Puissance maritime de l'Angleterre et . . . Madagascar, VII. 214 †
 Nogué; on volcanic region of Chillan, I. 169
 Nolla, river, Switzerland, I. 264
 Noki, Congo, XIX. 550
 Nolde, Baron E.: Reise nach Innerarabien, 1893, V. 604 †

NOLKE

Nölke, F.: Theorie der Luftspiegelungen, IX. 111†

Noll, N.: Annuaire illustré de l'armée coloniale, XVII. 683†; Explorations italiennes dans la péninsule des Somalis, XII. 210† France au Soudan, XII. 434†; Kassala, XI. 684†; Mission du Lieut. Dromard, XVIII. 109†

Nolte, E.: Plano Catastral de la Provincia de Entre-Rios, II. 96†

"No Man's Land," Manchuria, XIV. 292

Nome, Cape—

Cape Nome, Alaska, XVIII. 457†

Goldgebiet am Kap Nome, XIX. 400†

Origin of name; G. Davidson on, XIX. 92

Trois mois au Cap Nôme: P. Vallois, XVIII. 331†

Nomenclature: see Place-names

Nomoron-Kutun, Mongolia, III. 368

Nongkhai, Siam, VIII. 439, 442

Nonni river, Mongolia, XI. 509

Nordahl, B.: In Nacht und Eis, Supplement, Wir Framleute, XIV. 231†

Norddeutscher Lloyd, Geschichte und Handbuch: P. M. Lindeman, I. 188†

Nordenskiöld, Baron, A. E.: Antarctic exploration, III. 36; At minnet af, XX. 251†; Biographies, †XIX. 241, 409, 534; Discovery that fresh water will be found by boring through hard crystalline rock: Sir C. R. Markham, X. 465*; Influence of Marco Polo on Gastaldi's Maps of Asia, XIII. 396*, 677†; XIV. 466†; obituary, XVIII. 449, 561; Periplus; early history of charts and sailing directions, XI. 579†; Do., review by C. R. Beazley, XII. 373§; K. Kretschmer, XIV. 235†; S. Ruge, XVII. 217†; F. Wieser, XIV. 689†; Randteekningar i gamla handskrifter af Datis La Sfera, XVI. 132†; Studies among Drift-ice of Polar Seas, XI. 492

—, G.: Cliff Dwellers of Mesa Verde, III. 46§, 73†; Redögörelse för den Svenska Expeditionen till Spetzbergen, I. 282†; III. 163†; visits to Spitzbergen, IX. 353

—, O.: Antarctic expedition, XIX. 761, 764; Eldslandet (T. del Fuego), VII. 445†; Erzlagerstätten der Atacamawüste, XII. 436†; XIV. 684†, Expédition suédoise à la Terre de Feu, X. 458†; Expedition till Klondyke, XIV. 120†; to Alaska, XI. 669; to Antarctic, XV. 287; XVIII. 448, 627; XX. 6; to Tierra del Fuego, V. 488; VIII. 640; X. 542; XI. 436; Feuerland und seine Bewohner, IX. 242†; Journey in S. W. Patagonia, X. 401*; XI. 99†; Landschaftsformen der Magellan-Länder, etc., XIX. 403†; Natur der Magellansländer, XI. 99†; Notes on Tierra del Fuego, XI. 100†; Om Pampas formationen, XVIII. 341†;

NORONHA

Skildringar från den Svenska Expeditionen till Magellansländerna, XIII. 566†; Swedish Antarctic expedition, XX. 362†; Sydpolarforskningens nuvarande Ställing, XVI. 128†; Terre de Feu, XX. 128†; Topographisch-geologische Studien in Fjordgebieten, XVI. 588†

Nordenskiöld's Is., IX. 474

Norderney, Blumen . . . der Insel: C. Verhoeff, VII. 439†

Nordgaard, O.: Norwegian N. Atlantic expedition, XVI. 258†

Nordlys: A. Paulsen, XI. 688†

Nordmark, Geologisk Beskrifning öfver: W. Petersson, XIV. 676†

Nordstrand I.—coast changes, II. 365; Geschichte der Zersplitterung: R. Hansen, VIII. 306†; Insel Nordstrand um 1600: R. Hansen, XX. 464†

Norea des Polybios: F. Pichler, XI. 207†, 431§

Norfolk: W. A. Dutt, XX. 553†; (Quarterly Review), IX. 337†; Broads, formation, IV. 300; Physical features: J. W. Gregory, I. 179†

—, I.—Deportation of islanders to the Derwent in 1808: J. B. Walker, VI. 585†

Noriega, E.: Geografía del Estado de Oaxaca, XIII. 457†; Progresos de la Geografía en Mexico, XIX. 529†

Norikura, Japan, VII. 127; Norikurayu hot springs, VII. 148

Norman, H.: All the Russias, XX. 365†; Russia and England; "Down the long avenue," IX. 459†

—, Sir H. W.: Capt. Cook and his First Voyage, etc., VII. 336†; Queensland, IX. 465†; remarks on "Explorations in W. Australia," XI. 286; on "From Shanghai to Bhamo," XIX. 274; on receiving award for J. P. Thomson, XX. 116; on receiving medal for Sir W. Macgregor, VIII. 87; West India Island, VII. 335†

—, J. H.: Locke's School of Money, XVII. 683†; World's exchanges, XIII. 462†

—, J. M.: Norges Arktiske Flora, X. 226†

—, M. M.: In haunted Crimea, XVI. 363†

Normandy—

Collection des Guides-Joanne: P. Joanne, XI. 447†

Dénudation du terrain crétacé des côtes normandes: J. Thoulet, XV. 188†

Dépôts pléistocènes, etc.: A. Bigot, X. 646†

Highways and byways in: P. Dearmer, XVI. 120†

Normandy and Brittany: A. J. C. Hare, VI. 579†

Noronha, E. de: Esboço da Carta do Districto de Lourenço Marques, VII. 687†;

NÖRRENBERG

- Lourenço Marques e as suas relações com a África do Sul, VIII. 652 †
 Nörrenberg, C.: Was bedeutet Nord? XVII. 99 †
 Norris, H. E.: Catalogue of Huntingdonshire books, VIII. 529 †
 Norrland, Norse: *see* Norway
 Norselius, G.: Special öfver Danskgettet, XII. 102 †
 North, A. J.: Destruction of native birds in N. S. Wales, XVIII. 113 †; Nests and eggs of birds found breeding in Australia and Tasmania, XVIII. 554 †; XX. 470 †
 North Cape—Eine Reise nach den Nordcap, XVIII. 633 †
 North-east Land, Spitsbergen, XII. 149
 ——— Passage, Story of, VII. 447 †
 North Fork, river, Canada, XIII. 364
 ——— Polar regions and Pole: *see* Arctic
North Sea—
 Courants de la Mer du Nord: J. M. Phaff, XV. 673 †
 Geographical evolution of: A. J. Jukes-Brown, III. 256 †
 Hydrographic research, V. 581
 Hydrographischen Verhältnisse . . . des nördlichen Nordmeeres: O. Pettersson and G. Ekman, XII. 217 †
 Maps—Chart: O. T. Olsen, XII. 223 †; Ergebnisse der ersten norwegischen Michael Sars Expedition: J. Hjort, XVIII. 247 †; Tidal Streams (charts), XIV. 351 †
 Movements of surface waters of: H. N. Dickson, VII. 255 *
 North Sea Pilot, Eastern Shores, XX. 240 †; N. and E. Coasts of Scotland, VIII. 190 †; Supplement, XIV. 455 †
 ——— and Atlantic, Temperature and density of water between; H. N. Dickson's investigations, II. 375
 ——— and Baltic, Hydrographical observations: C. Pettersson and G. Ekman, III. 164 †; Pettersson's researches, I. 554
 ——— and English Channel tides, IX. 545
 ——— and Skagerack—Ytvattnets tillstånd i Nordsjön och Skagerack: O. Pettersson and G. Ekman, IX. 245 †
 Physische Entwicklung der Nordseeküste in historischer Zeit: K. Kretschmer, XVIII. 103 †
 Surface currents of: T. W. Fulton, XI. 322 †
 Svenska hydrografiska undersökningarne åren 1896-99: O. Pettersson and G. Ekman, XVII. 216 †
 Temperature of waters, VIII. 632
 Tidal Currents: A. Buchan, XIV. 588 †; XVI. 704 †
 North-West Passage, Early attempts on, II. 151; New North-West Passage: J. G. Colmer, VIII. 653 †; Story of, as

NORWAY

- told by early Explorers, XV. 198 †, 301 †
 North-West Provinces and Oudh, Report on Administration, † VII. 677; IX. 575; XII. 431; XIV. 225; XVI. 123; XVIII. 325; N. W. Provinces of India, History, etc.: W. Crooke, X. 120 †; XI. 663 §; Tribes, etc., X. 120 †
 ——— river, Labrador, V. 524
 Northam pebble ridge: W. H. Wheeler, XI. 193 †
 Northampton, W. Australia, Geological map: A. G. Maitland, XIII. 464 †
 Northbrook, Earl of; remarks on proposing vote of thanks to Sir M. E. Grant-Duff, II. 83
 Northcott, H. P.: Report on N. Territories of Gold Coast, XVI. 368 †, 683 §
 Northern Hemisphere: *see* Earth
 Northern Highway of the Tsar: A. Trevor-Battye, XII. 93 †
 Northumberland; Life in, during sixteenth century: W. Tomlinson, XI. 89 †; Reduced Ordnance Survey: J. Bartholomew, X. 657 †
 Northward over the Great Ice: R. E. Peary, XII. 498 §, 637 †
 Norway, A. H.: Highways and byways in Yorkshire, XVII. 86 †; Naples; past and present, XVIII. 632 †
Norway (*see also* Scandinavia)—
 Aus Norwegen: E. Richter, IX. 336 †
 Bevölkerung Norwegens nach der Zählung: K. Neukirch, XVIII. 633 †
 Botaniske undersøgelser i Sondfjords og Nordfjords: O. Dahl, XIII. 556 †
 Bræsjøer i fordums tid: H. Reusch, XVI. 572 †
 Catalog der in Norwegen bis Juni 1878 beobachteten Nordlichter: S. Tromholt, XX. 552 †
 Census, XVIII. 208; Folketællingen i Norge, XVIII. 633 †
 Coast of—In search of an eclipse; lecture by: H. R. Mill, IX. 219; Sulle coste di Norvegia e delle Spitzberghe, XVI. 573 †
 Den Norske Lods: J. Fabricius, V. 505 †; Do.: E. Hagerup, X. 453 †
 Et brev til Pave Nicolaus den 5te om Norges beliggenhed og øndre: G. Storm, XVI. 572 †
 Fauna Norwegiæ: G. O. Sars, X. 225 †
 Fisheries, Studies of: J. Hjort, IX. 677 †; Fishery and Marine investigations: J. Hjort, XVII. 445 †; XVIII. 84 §; Fishing-grounds, J. Hjort on, XI. 172; Hydrografisk-biologiske Studier over norske fiskerier: J. Hjort, VII. 221 †; Pêche en Norvège: J. Péard, XIV. 331 †
 Fra Smaarejser i Norge: J. Lange, X. 647 †
 Géographie physique dans la Norvège septentrionale: Rabot, XVIII. 632 †

NORWAY

Norway—continued.

- Geographische Onomatologie Norwegens: Y. Nielsen, XVI. 362 †
 Geography, H. Reusch on, III. 513
 Geologiske iakttagelser fra Telemarken, etc.: H. Reusch, XI. 192 †
 Geomorphologische Beobachtungen aus Norwegen: E. Richter, VIII. 189 †
 Glaciers—Gletscher Norwegens: E. Richter, IX. 233 †; Gletscherschwankungen in Norwegen: Id., VIII. 189 †
 Handbook for Norway, Sweden, and Denmark: K. Baedeker, VI. 194 †; XIV. 224 †
 History of Norway from earliest times: H. H. Boyesen, XVII. 318 †
 In the Northman's land: A. F. Mockler-Ferryman, VIII. 307 †
 Jordskjælv i Norge: H. Reusch, IX. 677 †
 Kongsbergs ertsdistrikt: C. A. Münster, IX. 677 †
 Lakes—Freezing and thawing of; A. Holmsen on, XX. 98; Isforholdene ved de norske indsjøer: Id., XX. 121 †; Limnetischen Peridoneen in norwegischen Binnenseen: H. Huitfeldt-Kaas, XVIII. 547 †; Remarkable glacier lake near Eldfjorden: R. Munro, VIII. 412 †; Største indsjøer: A. Holmsen, XVI. 572 †
 Lebermoosflora Norwegens: B. Kaalaas, XIV. 112 †
 Maps—Cammermeyers Kart over det sydlige Norge, VIII. 655 †; General-kart over den Norske Kyst: Norges Geo. Opmaaling, I. 480 †; Do., over det sydlige Norge: Id., I. 475 †; XIII. 463 †; Oversigtskart i 1:2,400,000: Id., XX. 476 †; Specialkart over den Norske Kyst: Id., † I. 480; IX. 588; XIII. 464; XVIII. 120; XX. 476; Topografisk Kart over kongeriget Norge, † V. 406; IX. 586; XVIII. 116; XX. 475
 Meteorology—Climate of Norway and its factors: C. T. Williams, XVIII. 322 †; Climate (Paris Exhibition Publ.), XVII. 445 †; Jahrbuch des Norwegischen Meteor. Instituts: H. Mohn, † VII. 676; X. 226; XIII. 452; XV. 547; XVII. 445; Klima-Tabeller for Norge: H. Mohn, † XII. 538; XIV. 112; XVI. 362; XVIII. 547; Meteorologische Beobachtungen in Norwegen: H. Mohn, IX. 466 †; Rainfall tables, II. 472 †
 Morphologie von Norwegen: E. Richter, XIX. 228 †
 Most picturesque routes in S. Norway, XVIII. 633 †
 Mountaineering in Arctic Norway: W. C. Slingsby, XIV. 223 †
 New climbs in: E. C. Oppenheim, XIII. 556 †

NORWAY

Norway—continued.

- New Ground in: E. J. Goodman, VIII. 307 †
 Norde Osterdalen: A. T. Kiær, XVII. 546 †
 Nordmændenes Anthropologi: C. Arbo, IX. 678 †; XIV. 112 †
 Norges arktiske Flora: J. M. Norman, X. 226 †
 Norse colonization in America: M. A. Shipley, XIII. 687 †
 Norvège et Suède: H. Kohrt, XIII. 556 †
 Norway, its fjords, fjelds, and fosses: J. Bradshaw, VIII. 189 †
 ———; Paris Exhibition publ., XVI. 572 †
 ——— Pilot, Part I., IX. 677 †
 Norwegian Coast Plain: H. Reusch, IV. 186 †
 ——— Expeditions—Andrée Search, X. 640; Antarctic whaling expedition, II. 465; III. 336, 519; Arctic expedition, Results of: F. Nansen, IX. 473 †; X. 123 †, 342 †; N. Polar expedition, Scientific Results: F. Nansen, etc., XV. 671 †; XVII. 561 †; XVIII. 284 §; XX. 249 †, 332 §; N. Pole expedition: K. O. Björlikke, II. 566 †; Polar expedition, some results: F. Nansen, etc., XII. 328 †; N. Atlantic expedition: O. Nordgaard, XVI. 258 †; Do., Mollusca: H. Fricke and J. A. Grieg, XX. 250 †
 Norwegische Commission der Europäischen Gradmessung: O. E. Schiotz, V. 86 †; VII. 109 †
 ——— Strandebene: E. Richter, VIII. 412 †
 Opdagelsen af "Nordkap" og veien til "det hvide hav": G. Storm, V. 179 †
 Peaks and Pines: J. A. Lees, XIV. 676 †
 Photographs: A. F. Mockler-Ferryman, V. 192; VII. 344
 Physical History of Norwegian Fjords: E. Hull, XIX. 394 †
 Promenades en Norvège: J. Ronjat, XIII. 452 †
 Rambles in Norske Finmarken: G. Lindesay, V. 86 †
 Siedelungskunde von Norwegen: H. Magnus, XIV. 223 †
 Sydvestlige Norges anthropologiske forhold: C. Arbo, VII. 439 †
 Timanske bjergkjaedesystem i Norge: H. Reusch, XVI. 572 †; Timanske Gebirgssystem innerhalb Norwegens: Id., XVII. 85 †
 Trade Reports, † XII. 428; XIV. 455; XVI. 572; XVIII. 632
 Two winters in: A. E. Spender, XX. 121 †
 Valley of enchantment: H. Maxwell, XVI. 572 †
 Verkehrswege und Verkehrsformen in: H. Magnus, XI. 681 †

NORWAY

Norway—*continued.*

- Voyage à travers la Norvège: H. Le. Roux, VIII. 528 †
 Voyage en Laponie: Antoniadi, VIII. 528 †
 Wild Norway, etc.: A. Chapman, X. 225 †
 Winter life in, XI. 566 †
 Year-Book of Norwegian Club: C. Peters, VIII. 307 †
 Norwegian Sea, water, V. 582; XI. 614
 Norwich, Early port of, X. 525
 Nosi-bé I., VI. 227, 244
 Nossiloff, C.: Voyage à la Nouvelle-Zemble, IV. 186 †
 Noto Penins., Japan; Trip round: K. Koiwai, XIII. 90 †
 Notogæa division of distribution of mammals, III. 97
 Notoryctes typhlops, IV. 39
 Nott, L.: Upper Niger and Sudan, VII. 333 †
 Nottage, C. G.: In search of a Climate, III. 77 †
 Nottaway river: *see* Noddawai
 Nottingham, Early port, X. 525; Plan: J. Bartholomew, I. 573 †; Roman sites at, X. 516
 Notzke, G. C.: Pelzjäger und Pelzjagd im amerikanischen Norden, XVII. 212 †
 Nourse, T.: Les pêcheries de la Vénétie, XIV. 675 †
 Noussanne, H. de: Canal des deux mers, XV. 546 †
 Nova, J. de: *see* Juan de Nova
 Novara: E. Borsari, V. 400 †
 Novarese, N.: Le Alpi Piemontesi, XVI. 485 †
Nova Scotia—
 Admiralty surveys, II. 23; IX. 656
 Builders of, Historical review: Sir J. G. Bourinot, XVII. 451 †
 Coal fields, Undeveloped: E. Gilpin, IX. 682 †
 Dynamical Geology, Illustrations: L. Bailey, IX. 682 †
 Fletcher and Faribault in, VII. 414
 Geology of S. W. of: L. W. Bailey, XII. 634 †
 Jamaica maroons, How they came to Nova Scotia; D. Brymner, IX. 341 †
 Louisbourg in 1745: G. M. Wrong, XI. 200 †
 Physiography of Acadia: R. A. Daly, XVIII. 535 §, 552 †
 Secondary tidal undulations: W. B. Dawson, XVI. 125 †; XVII. 451 †
 Sir W. Alexander and Scottish attempt to colonize Acadia: G. Patterson, III. 253 †
 Studies in gold-bearing slates of: J. E. Woodman, XIV. 461 †
 Sydney coal field, Descriptive note, etc.: H. Fletcher, XVI. 252 †
 Topographical work in, X. 626
 Nova Varos, Novi Bazar, IV. 400

NUGSUAK

Novaya Zemlya—

- Exploration, III. 64; Borissoff, XVI. 689; XVIII. 626; T. Chernyshev (Tschernyschew), VII. 206, 425; Den ryska expeditionen till Novaya Zemlja 1895: T. Tschernyschew, VIII. 649 †; Ekstam, XIX. 221; Explorations in: C. Nossiloff, IV. 186 †; letter from J. R. Jeaffreson, V. 84; D. Morgan on Russian work, X. 472; Novaya Zemlya, and its latest exploration, XI. 205 †; H. J. Pearson, VI. 286; Rambles in, etc.: H. W. Feilden, XI. 333 *; Two summer voyages to: H. J. Pearson, XV. 189 †; Voyage à la Nouvelle-Zemble: C. Nossiloff, IV. 186 †; Voyage à Nowaia Zemlia: Pr. B. Galitzine, XI. 88 †
 Flora and geology, XI. 363, 365
 Flowering Plants of: H. W. Feilden, XIII. 319 †
 Histoire de la découverte de la Nouvelle-Zemble: Comte P. Teleki, XVIII. 104 †
 Hydrographical researches on: A. Bukhteyeff, XII. 93 †
 Kalksteina fauna des Cap Grebeni, etc.: T. Tschernyschew und N. Jakowlew, XIV. 455 †
 Observations météorologiques à: Pr. B. Galitzine, XI. 88 †
 Photographs: H. J. Pearson, XI. 464
 Temperature, II. 336
 Novosiltsof, A. N.: Surveys on Lower Pechora, XIX. 369
 Novgorod la Grande, Visite à: Marquis degli Albizzi, XV. 548 †
 Novi Bazar, IV. 398
 Novitzki, V. F.: journey in C. Asia, XIII. 658
Novorossiisk—
 Nouveau port russe de Novorossiisk: A. A. Fausel, VIII. 528 †
 Novorossiisk: C. Bénard, VIII. 189 †; G. Bourge, V. 280 †
 Noworossiisk bearbeitet durch J. Herrmann, XVII. 546 †
 Port de: E. Scheult, XII. 93 †
 Nseria country, Nyasaland, V. 114
 Nuanetsi Sand river, E. Africa, II. 512
 Nubian desert, Note on portion of: H. G. Lyons, C. A. Raisin, and E. Aston, X. 552 †
 — sandstone, IX. 303
 Nubkissen Bahadur, Maharaja, Memoirs of: N. N. Ghose, XIX. 782 †
 Nuchter, F.: Das Fichtelgebirge . . . für den mitteleuropäischen Verkehr, XIV. 453 †
 Nuer tribe, C. Africa, XVI. 182, 303; XVII. 498; XVIII. 570; XX. 405, 643
 Nuevo Mundo Mt., Bolivia, III. 108
 Nuevo Valle, Patagonia, XVI. 189
 Nugent: Galveston Harbour improvements, XII. 436 †
 Nugsuak penins., Greenland, VIII. 643;

NUÑEZ

Lakes and valleys of upper: T. L. Watson, XV. 652; XVI. 256†; Valley glaciers of upper: R. S. Tarr, X. 342†
Nuñez, A. (biography): R. B. C. Graham, IX. 115†

—, R., and H. Jalhay, *La République de Colombie, géographie, histoire, etc.*, II. 91†

Nuovo, Monte, Italy, X. 419, 430

Nupe—

La Noupé et les prétensions de la Compagnie Royale du Niger: F. de Behagle, VI. 296†

Nupe and Florin: S. Vandeleur, X. 349*, 650†

People of, VI. 233

Nur-shin crater spring, VI. 174

Nursingrow, A. V.: Meteorological observations (Vizagapatam), I. 186†

Nushki-Sistan trade route; Journey from Quetta to Meshed via: Earl of Ronaldshay, XX. 70*; E. Penton, XX. 80*

Nusser-Asport, C.: Arbeiten zur Feststellung der nordwestlichen Grenzen von Bolivia, XI. 318†; Diamantenproduction in Brasilien, XV. 300†; Expedition Viellerobe vom Ucayali zum Inambari, XVIII. 113†; Kautschuk und Gold im peruanisch-bolivianischen Grenzgebiet, XI. 202†; Kolonisationsprojekte der bolivianischen Regierung, IX. 241†; Rio Beni von seinen Quellen bis zu seiner Mündung, IX. 342†

Nustiki to Robat, desert from, IX. 404

Nutt, W. H.; journey to Lake Rukwa, VII. 427

Nyaburera, lake, Central Africa, XIII. 534

Nyando river, E. Africa, II. 136

Nyangwe, Congo, V. 433, 442

Nyanja Language, Practical Manual of: A. Hetherwick, XIX. 655†

Nyanza: *see* Victoria Nyanza, etc.

Nyanza, Voyage of the (Atlantic and Pacific): J. C. Dewar, I. 88†

Nyarasa, lake, E. Africa, XII. 190

Nyaruhondo, lake, XIII. 534

Nyasa Company, Map of district of Cabo Delgado, etc., VI. 190†

Nyasa, Lake, XI. 509; British gunboats, I. 68; Changes of level, X. 294; Coal district N.W. of (Zenke's visit to), XIII. 73; Depth, II. 321; V. 122; (J. E. S. Moore's soundings), XIV. 319; Discovery, IX. 598; Fauna, XVII. 7; German scientific researches, XIV. 94; XVI. 561; Longitudes (Rhoades'), XIV. 319; Railway to, VIII. 497; Rising, IX. 326; Shrinkage, I. 119; VII. 368; (Sharpe on), XX. 338; Slave trade, VII. 380, 382; S. district, II. 422; Steamers, IX. 327; X. 441; Survey (Rhoades'), XII. 580*; XX. 68*; Volcanic region, VII. 369; Work in region, XVI. 476

Altitude of; note by C. F. Close, XIII. 623*

NYASALAND

Nyasa, Lake—*continued*.

Map of Nyasa, and Upper Shire river (Lieut. Rhoades'): A. Sharpe, XII. 580*; Originalkarte des Nord-ost-Ufers: H. von Wissmann, II. 479†

Untersuchungen im Nyassa-See, etc.: F. Fülleborn, XVI. 561§, 579†

Nyasa-Tanganyika Region (*see also* Tanganyika plateau)—

Anglo-German Boundary Commission between, XIII. 304; Agreement . . . relative to, XX. 355†; Astronomischen und geodätischen Arbeiten der deutschen Grenzregulierungs-Kommission: E. Kohlschütter, XVII. 429§, 554†

Bericht über Land und Leute: Herrmann, XVII. 429§, 554†; Deutsch-englische Nyassa-Tanganyika-Grenz-expedition: H. Hermann, Kohlschütter, und Glauning (map), XVII. 458†; Latitudes, etc., of Trigonometrical Stations, XIII. 594

Entre les lacs Nyassa et Tanganika, XIII. 560†

Note on heights of lakes above sea-level: C. F. Close, XIII. 623*

Nyasa-Tanganyika plateau: F. F. R. Boileau, XIII. 577*

Physiographical features of district: J. E. S. Moore, X. 289*

Nyasaland—Climate and scenery, V. 206; Flora, I. 248; Geology, XV. 421; (Dantz' work), XVI. 106; Indian and African in, V. 80; Missionaries' work in, V. 202, 215; Plains, V. 208, 210; Progress, v. 202; Rift-valley, XIX. 639; Trade, V. 215; volcanic area, V. 114

Crater lakes N. of Nyasa: D. Kerr-Cross, V. 112*

Explorations—I. 68; Father Adams', XIII. 432; Explorations in Country W. of Nyasa: R. Money and K. Smith, X. 146*; Foa, X. 212; Journey from Domira Bay to Fife on Tanganyika Plateau: C. McKinnon, XIX. 603*; Baron von Schele, IV. 176; Karte der Nyassa-Expedition des Gouverneurs Obersten Freiherrn von Schele: R. Kiepert, V. 95†

Geografischen och de geografiska, etc.: J. F. Nyström, XV. 674†

Geographische . . . Mitteilungen über das deutschen Nyassa Gebiet: W. Bornhardt, XV. 551†

German Missions: H. Wichmann, I. 85†

Industrial development of: J. Buchanan, I. 245*

Maps—goldfields, illustrating explorations of C. Wiese, II. 95†; Expeditions in N.: A. Merensky, I. 94†

N. Nyasaland: J. Henderson, XV. 534§, 550†

NYASALAND

Nyassaland—continued.

- Physischen Anthropologie der Nord-Nyassaländer: F. Fülleborn, XX. 125 †
- Portuguese—Account of discovery, etc.: W. B. Worsfold, XV. 439 †
- Routes and districts in S.: B. L. Sclater, II. 403 *
- Ueber seine Reisen im Nyassa-Gebiet: F. Fülleborn, XVII. 91 †
- Vegetationsverhältnisse des im Norden des Nyassa . . . Gebirgslands: A. Engler, XX. 338 §, 356 †
- Zambesi basin and Nyasaland: D. J. Rankin, II. 564 †
- Zulu of Nyasaland: D. Fraser, XIX. 526 †
- Nyavarongo river, C. Africa, III. 356; XI. 299; XVI. 560; XVIII. 331
- Nyedu, altitude, etc., X. 393, 397
- Nyenchen-tang-la, Tibet: *see* Ninchen
- Nyi Buba tribe, W. Africa, X. 212
- Nyika plateau, Br. E. Africa, IV. 296; XV. 484
- , Germ. E. Africa—Reise im Njika, etc.: T. Meyer, XV. 82 †
- , Nyasaland, III. 60; XV. 534
- Nyiro river, C. Africa, XVI. 79
- Nyabi river, E. Africa, IV. 508
- Nzowi, route to, VI. 301
- Nyren: Variations de la latitude de Poulkovo, V. 396 †
- Nysa, ancient city and people of, VII. 45
- Nyunguni hot springs, E. Africa, IX. 562
- Nzavi ridge, E. Africa, IV. 302
- Nzoi district and peak, E. Africa, II. 118
- Nzoia river, E. Africa, II. 139; XII. 362

O

- Oakley, F. P.: Manchester; notes on its development, XVII. 446 †
- Oases—Oasen und Inseln; Kulturgeographischer Vergleich: W. Marcus, XIX. 223 §, 239 †
- Oates, W. E.; obituary, VII. 667
- Oaxaca, Geografía del Estado de: E. Noriega, XIII. 457 †; O. H. Howarth on, XIV. 669; Posición geográfica de la ciudad de, XVIII. 457 †
- Ob river, explorations, VII. 545; XII. 172; Ob and Yenesei Hydrographical Expedition, X. 93, 219, 583
- Ob-Expedition während des Sommers 1895: G. G. Fedoroff und O. W. Kondratovich, XIII. 214 †
- Tiefenkarte der Ob- und Jenissei-Mündungen, XII. 644 †
- Oba river, Yoruba country, VI. 569
- Obalski, T.: L'explorateur Prisse d'Avennes, XI. 105 †
- Obbia, Somaliland, II. 359
- Ober, F. A.: In the wake of Columbus, III. 352 †

OBRUCHEFF

- Oberaba Laguna, Bolivia, XIX. 66
- Oberhammer, E.: Alpenverein und Alpenforschung, XII. 220 †; Aus Cypern, I. 565 †; Deutsche Südpolar expedition, XVII. 561 †; XX. 129 †; Nachträgliches sur Avenir-Karte, XVII. 544 †; on Present state of knowledge of the ancient world, II. 163; Ueber Hochgebirgs-Karten, XIX. 405 †
- , R.: Deutschen Geographentag in Jena, XI. 680 †; journey in Asia Minor, IX. 322; XI. 296; Reise in Syrien und Kleinasien, XI. 310 †, 566 †; Routen-Aufnahmen in Kleinasien, XI. 326 †
- Oberlercher's Glocknerrelief: A. Penck, XII. 321 †
- Obermair, L.: Einiges über Kartenlesen, XVI. 256 †; Zur alpinen Kartographie, VII. 218 †
- Obermayer, A. von: Ueber die Wirkung des Windes auf schwach gewölbte Flächen, IX. 117 †
- , und A. Schindler: Die trigonometrische Höhenbestimmung des Höhen Sonnblick, etc., V. 504 †
- Obersaxen, Die Gemeinde: Halbfass, XII. 202 †
- Obersulzbach Kees, glacier, IX. 660
- Oberti, E.: Il bacino dell' Arno, XX. 552 †
- Obi river: *see* Ob
- Obiou, A. l': Quelques notes d'un touriste géologique: P. Lory, XV. 660 †
- Obituary lists, II. 25; IV. 26; VIII. 79; X. 106; XII. 85; XIV. 100; XVIII. 96; XX. 109
- Obok and Abyssinia: M. Alvarez, IV. 87; and country bordering Gulf of Tajura: V. Federoff, X. 340 †; and its dependencies: L. W. Pilatte, III. 531 †
- Obollah, Persian Gulf, IX. 312
- Obosomtwe, Lac: E. Perregaux, XIV. 117 †; *see also* Busumchwe
- O'Brien, Archbp.: Cabot's landfall and chart, XVII. 455 †; Presidential address on Cabot's landfall, XI. 315 †
- Obron: *see* Corniale
- Obrucheff, V. A.: Aus China, IX. 104 †; discovery of rhinoceros remains in E. Mongolia, XV. 60; C. Asia, N. China, and Nan Shan, XVI. 121 †; XVIII. 229 †; Excursion to gold-bearing district of rivers Sarma and Ilihta, XI. 197 †; XII. 207 †; expedition in C. Asia, V. 260, 489; in Transbaikalia, VII. 95; XI. 429; Geographische Skizze von Central-Asien, VI. 485 †; Kurze Uebersicht . . . Expeditionen zur Erforschung Asiens, XI. 310 †; Morphology of Transbaikalia, XVIII. 86; New capital of China, XVIII. 229 †; on old beds of Amu-daria, XII. 308; Obrutschew's Aufnahmen im westlichen und zentralen Nanschan, XX. 133 †; on middle Nan Shan, VI.

OBSERVATORY

- 555; Orography of C. Asia, VII. 440 †;
 Sven Hedin's journey across Takla-
 Makan desert, XI. 310 †; Verwitterung
 . . . in C. Asien, VII. 562 †
 Observatory mt., Spitzbergen, VI. 551
 O'Callaghan; remarks on "Road-making
 and surveying in Br. E. Africa," XIV.
 290
 Oceana, Sierra de, S. America, XVII. 346
 Occultation Method, S. C. N. Grant's: E.
 A. Reeves, XI. 165 *, 305; Prediction of
 Occultations, etc.: S. C. N. Grant, VI.
 649 *
 Ocean or Panopa Is., Pacific, VI. 342
 Ocean Routes—
 Atlantic Ferry, Louisburg, and Milford
 Haven, XIX. 239 †
 Deux routes d'Europe à San Francisco,
 etc.: P. Serre, XIV. 232 †
 Distances . . . on routes of Union
 Castle Line steamers: B. Chave, XX.
 473 †
 Fast passages and best routes: W. Al-
 lingham, VII. 571 †
 Ocean highways; their bearing on food
 and wages of Great Britain, etc.: Lord
 G. Hamilton and Sir R. Rawson, III.
 436 †
 — passages for the world, VIII.
 196 †
 Verkehrswege der transoceanischen
 Segelschiffahrt: G. Schott, VI. 588 †
 Oceania (*see also* Pacific, *subhead* Islands)—
 Chemins de fer océaniques: P. Barré,
 XVIII. 114 †
 Distribution of art in; L. Frobenius on,
 XVII. 535
 France en Océanie: E. Gallois, XX.
 562 †
 Oceanischen Bogen: L. Frobenius,
 XVII. 95 †
Oceanography, Oceans (*for special informa-
 tion see under names of oceans, seas,
 etc.*)—
 Abnormal Seas: W. Allingham,
 647 †
 Allgemeine Meereskunde: J. Wal-
 ther, III. 256 †
 Are great ocean depths permanent?
 E. Suess, I. 379 †
 Aus den Tiefen des Weltmeeres: C.
 Chun, XVIII. 114 †, 169 §
 Beretning fra . . . videnskabelig
 Undersøgelse af de danske Far-
 vande: M. Knudsen, XVIII. 240 †
 Bodenformen des Weltmeeres: A.
 Supan, XIV. 688 †
 Cable route between Bermuda and
 Jamaica, Survey of: R. E. Peake,
 XVI. 704 †
 Changes in ocean-level, VII. 231
 Come la navigazione da diporto possa
 contribuire alla studio . . . dei
 mari, etc.: E. A. d'Albertis, V.
 397 †
 Conferences for International oceanic

OCEANOGRAPHY

Oceanography, Oceans—continued.

- research, at Christiania, XVIII. 1,
 77; at Stockholm, XIV. 646; XVI.
 257 †; Conférence internationale
 pour l'exploration de la mer, XV.
 199 †; Do., pour l'étude de la mer:
 J. Thoulet, XVIII. 240 †; XIX.
 111 †; International Council for the
 study of the sea, XX. 316
 Distances moyennes à la côte dans les
 Océans: J. de Windt, XIII. 328 †;
 666 §; XIX. 239 †
 Distribution of oceans and continents;
 J. W. Gregory on, XII. 527
 Etude de l'océanographie, etc.: J.
 Thoulet, VI. 395 †
 Evolution of oceans and continents:
 A. J. Jukes-Browne, I. 186 †
 History of the Oceans, VIII. 403
 Hydrografiska . . . Nordsjöns och
 Östersjöns: O. Pettersson och G.
 Ekman, XII. 216 †
 Hydrographische Studie Swedenborgs:
 R. Sieger, V. 397 †
 Hydrographischer Lehrsatz: M.
 Knudsen, XVI. 589 †
 Konstantenbestimmungen zur Auf-
 stellung der hydrographischen
 Tabellen: C. Forsch, M. Knudsen,
 und S. Sørensen, XX. 563 †
 Lavori idrografici e talassografici . .
 del Ufficio Idrogr. Italiano: G.
 Cassanella, X. 342 †
 Meer in Leben der Völker: A. Kirch-
 hoff, XVIII. 556 †
 Mezzi per promuovere le esplorazioni
 talassografiche, etc.: A. Dohrn, V.
 397 †
 Muséum océanographique de Monaco:
 J. Richard, XVI. 131 †
 Nomenclature of the Oceans, Com-
 mittee of R.G.S. of 1845 on, I.
 535
 Note sur l'histoire des Océans: Suess,
 VII. 338 †
 Notice historique sur le développe-
 ment de la science océanogra-
 phique: J. de Schokalsky, XVII.
 97 †
 Ocean rainfall by rain-gauge observa-
 tions at sea: W. G. Black, XII.
 638 †; Do., with chart and tables:
 Id., IX. 112 †
 Oceanographic problems: S. Maka-
 roff, XVI. 589 †
 Océanographie: J. Thoulet, IX. 582 †
 Océanographie in den Jahren 1895-
 96: G. Schott, XI. 458 †
 Océanographischen Forschungen der
 Neuzeit, etc.: J. Luksch, XI. 573 †
 Oceanography: Sir J. Murray (ad-
 dress to Brit. Assoc.), XIV. 426 *,
 688 †; XV. 89 †; XVI. 347 †; Do.:
 J. Thoulet, XVII. 563 †
 Om systematisk hydrografisk . . .
 Europas: O. Pettersson, XV. 673 †

OCEANOGRAPHY

Oceanography, Oceans—continued.

- On . . . our knowledge of oceanic areas: A. Hamilton, IX. 113 †
- Origin and permanency of oceans: A. Swarowsky, II. 92 †
- Percolation of sea-water, K. Natterer on, V. 174
- Permanence of ocean basins: H. R. Mill, I. 230 *; Do.: A. E. Wallace, I. 186 †
- Physical condition of the ocean: W. J. L. Wharton, IV. 252 *; X. 125 †
- Primeval Ocean: C. Morris, X. 460 †
- Progress of oceanography, II. 499; IX. 601; X. 320; XIII. 4
- Recent contributions to oceanography: H. N. Dickson, III. 302 *
- hydrographic research in North and Baltic Seas, XII. 639 †
- Récents progrès de l'étude des mers: H. Giraud, XVIII. 240 †
- Report on physical observations in Firths of Forth and Tay and Clyde sea area, etc.: H. R. Mill and A. J. Herbertson, III. 351 †
- Research, H. N. Dickson on, VI. 462; Prof. O. Pettersson on methods of: H. N. Dickson, XIV. 185; value of, XII. 3
- Retrospect of Oceanography: J. Y. Buchanan, VIII. 424 †
- Review of Swedish hydrographic research in Baltic and North Seas: O. Pettersson, IV. 382 †
- Sea and Land: N. S. Shaler, VI. 101 †
- Sea-level, mean, IV. 263
- Seeschüssen, Wasserschüsse, etc.: R. Sieger, X. 232 †
- Submarine geography; Presidential Address (Australasian Assoc.): Sir J. Hector, XIV. 466 †
- Surface of the sea and weather: H. N. Dickson, VIII. 631 †
- Sur l'extinction graduelle de la houle de mer: J. Boussinesq, VI. 395 †
- The mighty deep: A. Giberne, XIX. 239 †, 365 §
- Chemical conditions, etc.—
- Aräometer, Meeresfarbe, . . . im Atlantischen und im Stillen Ozean: A. Krämer, XIV. 688 †
- Chemical changes in marine muds: R. Irvine and Sir J. Murray, XII. 217 †
- occurring in oceanic deposits, XII. 217 †
- in composition of sea-water, etc.: Sir J. Murray and R. Irvine, III. 351 †
- composition of sea-water, XII. 451; J. Gibson, VIII. 424 †
- Chemisch-geologische Tiefsee-Forschung: K. Natterer, XIV. 345 †; Kritische Bemerkungen zu: T. Fuchs, XVI. 589 †

OCEANOGRAPHY

Oceanography, Oceans—continued.

- Chimie océanique, Etudes nouvelles: J. Thoulet, XVI. 589 †
- Density—Densité des eaux océaniques: J. Thoulet et M. Chevallier, XX. 472 †; Determination of, III. 305; Determination de la densité de l'eau de mer: J. Thoulet, XVII. 563 †; Krümmel's method of determining, IV. 570; of Atlantic and Mediterranean: J. Y. Buchanan, II. 567 †; of sea-water on Norwegian banks: A. Schüek, II. 567 †
- Examen de l'eau de mer puisée à différentes profondeurs: A. Gautier, XIV. 587 †
- Gases dissolved in sea-water, IX. 566; XII. 452; M. Knudsen on, IX. 669
- Influence du plankton sur les quantités d'oxygène, etc.: M. Knudsen, IX. 245 †
- Physical and chemical constants of sea-water; M. Knudsen on, XVI. 445
- Salinity—Hafsvattnets salthalt i Finska Skärgårdshafvet: P. H. Olsson, XVI. 258 †; Salzbestimmung . . . durch Titrierung: O. Pettersson, XVII. 216 †
- Specific gravity of sea-water, IV. 260
- Transparence et couleur de la mer: J. Thoulet, XIX. 533 †, 781 †; Transparenz und Farbe des Meerwassers, J. Luksch's Untersuchungen: T. Fuchs, XIX. 781 †
- Circulation and Currents (*see also* Maps, *below*)
- Bottom water, motions of, XI. 529
- A. Buchan on, V. 364
- Circulation océanique: J. Thoulet, XX. 563 †
- Contra-corriente "El-Niño" en la costa norte del Perú: F. A. Pezet, IX. 467 †
- Courants de la Mer et leur origine: Gen. Mathiesen, V. 398 †
- sous-marins, Expérience relative aux: J. Thoulet, XV. 199 †
- Current papers: H. C. Russell, X. 124 †; XIV. 465 †; XV. 89 †; XVI. 374 †, 689 §; XIX. 781 †
- Currents, VII. 268; X. 145; XI. 74
- and waves; G. Schott's observations, I. 555
- in the Roaring Forties: H. C. Russell's observations, IV. 569
- Efecto geodinámico de la corriente antártica Americana: J. Balta, XIII. 98 †
- Effect of ice-melting on circulation, XIV. 587 †
- Einfluss der Eisschmelzung auf die oceanische Circulation: O. Pettersson, XVI. 130 †

OCEANOGRAPHY

Oceanography, Oceans—*continued*.

- Epaves artificielles pour l'étude des courants marins: J. Thoulet, XI. 322 †
- Erklärung und Berechnung des Stromverlaufs an Flussmündungen: W. Ekman, XVI. 258 †
- Laws of motion of sea-currents and rivers: A. W. Cronander, XIII. 568 †
- Marine currents and river deflection: R. A. Daly, XVIII. 219 §, 341 †
- Methods of determining ocean currents, III. 309
- Observations of currents, etc.: E. A. Haskell, IV. 89 †
- Ocean currents: J. Page, XX. 250 †
- and atmospheric currents, etc., S. Newcomb on, VIII. 75
- in sea between Norway, Scotland, and Greenland: C. Ryder, XX. 364 †
- Origin of ocean currents, IV. 253
- Oscillation, XI. 530
- Quelques considérations générales sur l'étude des courants marins: J. Thoulet, VI. 100 †
- Remarks on ocean currents: A. S. Thomson, VIII. 424 †
- Specific gravities and oceanic circulation: A. Buchan, VII. 683 †
- Surface currents, Hautreux' observations, III. 309
- Trajet d'une bouteille de Terre-Neuve à la côte des Landes: A. Hautreux, X. 342 †
- Vents et courants de la mer: H. Mathiesen, VII. 220 †
- Waves, XI. 531; tidal, IV. 261
- Winds and ocean currents: W. M. Davis, X. 653 †
- Depths, deposits, etc. (*see also* Maps, *below*)—
- Analyse . . . des sols sous-marins: J. Thoulet, XVI. 589 †
- Bottom-composition, IV. 260; forms of, V. 580; changes in shallow water, X. 146; mud flats, XI. 533
- Cartes lithologiques sous-marines: J. Thoulet, X. 554 †
- Classification des fonds sous-marins, etc.: J. Thoulet, XIX. 407 †
- Considérations relatives à l'analyse des fonds marins: J. Thoulet, XX. 563 †
- Constitution du sol sous-océanique: J. Thoulet, XIX. 81 †
- Deposits, XII. 454; XIV. 431; Sir J. Murray on, V. 365; Terrigenous, XIX. 692, 698
- Depths, II. 499; IV. 256; X. 544; XIV. 428; Deepest sounding obtained by Balfour, VI. 477; Estimate of mean depth, VI. 267 †; List of depths and temperatures: *see below*, Temperature; Neue Berechnung der mittleren Tiefen der

OCEANOGRAPHY

Oceanography, Oceans—*continued*.

- Océane, etc.: K. Karstens, IV. 581 †; Tiefste Depression des Meeresbodens: O. Krümmel, XIV. 688 †
- Fond de la mer et cartes lithologiques sous-marines: J. Thoulet, XV. 302 †
- Fonds marins recueillis dans l'Iroise: J. Thoulet, XVI. 258 †
- Geological changes beneath seas and oceans, X. 129
- Mode de récolte des échantillons du sol sous-marin: J. Thoulet, XVIII. 555 †; XIX. 533 †
- Nomenclature of suboceanic relief, XIV. 544, 550; Einführung einer einheitlichen Nomenklatur für das Bodenrelief der Océane: O. Krümmel, XIX. 407 †; Introduction of a systematic international terminology and nomenclature for forms of suboceanic relief: H. R. Mill, XIX. 407 †; Zur Frage der Nomenklatur der Meeresräume: H. Wagner, XVIII. 240 †
- Plus grandes profondeurs de la mer, XIX. 781 †
- Soundings by cable-laying ships, VI. 477
- Sub-oceanic changes: J. Milne, X. 129 *, 259 *
- Vases marines et leur classification: J. Thoulet, V. 398 †
- Exploration, XII. 569
- Albatross*, Deep-sea exploring expedition of: H. M. Smith, XIV. 688 †
- Aufgaben der Tiefseeforschung: O. Maas, XI. 688 †
- Austro-Hungarian deep-sea expeditions: K. Natterer, XIII. 328 †; Berichte der Commission für Oceanographische Forschungen: K. Natterer und P. von Pott, XIV. 233 †, 587 †; *see also* Pola
- German deep-sea Expedition, XIII. 640 †; Deutsche Tiefsee - Expedition: Chun, Schott, und Sachse, XIV. 587 †; Do.: G. Schott, XV. 89 †; Do., auf dem *Valdivia*: G. Schott, † XVI. 258, 491, 589; Do., Hauptergebnisse: A. Supan, XIV. 231 †; Do., Von der, XIV. 118 †; Oceanographischen Aufgaben: G. Schott, XII. 217 †; Do.: O. Zacharias, XIII. 98 †; results, XIII. 647; Wärmeverteilung in der Tiefsee . . . des *Valdivia* - Materials: G. Schott, XVIII. 341 †
- South Polar Expedition—
- Oceanographischen Ergebnisse der deutschen Südpolar - Expedition von Kiel bis Kapstadt: O. Krümmel, XX. 674 †
- Ingolf-Expedition (Danish), XVI.

OCEANOGRAPHY

Oceanography, Oceans—continued.

- 374 †; Porifera (Part I.): W. Lundbeck, XX. 472 †
- Monaco, Albert Prince of—Campagnes scientifiques de: J. Richard, XVI. 589 †; *Princess Alice*, Buchanan on cruise of, XX. 546; Campagnes scientifiques de la, V. 397 †; VII. 220 †; VIII. 300 §; IX. 245 †; XI. 458 †; XIII. 569 †; XV. 672 †; XX. 364 †; (Résultats), XII. 217 †; XVI. 588 †; XVIII. 555 †; XIX. 533 †; Do., en 1901: J. Richard, XX. 472 †; Some results of my researches on oceanography, XII. 639 †; Voyage scientifique de l'*Hirondelle*, XX. 250 †
- Murray, G.—Deep-sea Expedition, XII. 619 †; Exploration of Intermediate depths, XIII. 147 *, 686 †
- Norwegian marine investigations, Report: J. Hjort, O. Nordgaard and H. H. Gran, XVI. 131 †; Nordmeerfahrt des Norwegischen Fischereidampfers *Michael Sars*: J. Hjort, XVIII. 460 †; Norwegian N. Atlantic expedition: O. Nordgaard, XVI. 258 †; Oceanographical results of expedition with the *Michael Sars*: F. Nansen, XVIII. 341 †
- Observations from war-vessels and merchant ships; Krümmel on, V. 590, 591
- Physical investigations . . . on H.M.S. *Research*: H. N. Dickson, XI. 206 †
- Plankton Expedition (in the *National*): Reisebeschreibung: O. Krümmel, II. 567 †; Geophysikalische Beobachtungen: Id., II. 567 †
- Russian work in E. Asiatic waters, I. 554
- Siboga*, Cruise and Deep-sea exploration of, XVI. 697 †; *Siboga* expedition, XIII. 57 †; XV. 287; XVI. 549 †; work of, XVI. 130 †
- Vitiaz* et l'Océan pacifique: S. Makaroff, IX. 582 †
- Wissenschaftliche Ergebnisse einer Forschungsreise zur See: G. Schott, II. 567 †
- Instruments and Methods—
- Appareil destiné à démontrer que la quantité des gaz dessous, etc.: J. Richard, IX. 583 †
- Areometri ad immersione totale: G. Guglielmo, XV. 673 †; XVI. 258 †
- Cartouches solubles dans les mesures océanographiques: J. Thoulet, I. 571 †
- Current meter invented by F. Nansen: V. W. Ekman, XVIII. 341 †

OCEANOGRAPHY

Oceanography, Oceans—continued.

- Deep-sea observations, XIV. 186
- Methods of observing temperature and density, III. 305
- Modifications of water-bottle and thermometer for deep-sea research: J. Y. Buchanan, III. 351 †
- New water-bottle: H. N. Dickson, VIII. 424 †
- Nouvelle bouteille destinée à recueillir l'eau de mer: J. Richard, XX. 364 †
- Sur un nouveau sondeur: E. Belloc, VIII. 424 †
- Thermomètres électriques de profondeur: P. Gasnier, XIX. 111 †
- Life—
- Abhängigkeitsverhältniss . . . Meerwassers und dem Plankton des Meeres: M. Knudsen, IX. 245 †
- "Bipolaritet" i hafsorganismernas utbredning: H. Théel, XVII. 326 †; Notes on bipolar theory of distribution of marine organisms: E. M. Pratt, XIX. 661 †
- Distribution of pelagic Foraminifera . . . : Sir J. Murray, X. 554 †
- Fauna of deep sea; President's anniversary address (Linnean Society): Günther, XI. 206 †
- General conditions of existence and distribution of marine organisms: Sir J. Murray, XIII. 568 †
- Influence du plankton sur les quantités d'oxygène, etc.: M. Knudsen, IX. 245 †
- Life on the floor of the ocean, XIV. 433
- Marine mammals, XIV. 434; Distribution of; P. L. Sclater on, X. 219
- Microorganismes de la mer: Cursec, XIII. 686 †
- Microscopic marine organisms: P. T. Cleve, IX. 245 †
- Notes de géographie biologique marine: Prince de Monaco, XVIII. 555 †
- Notes on some Plankton-organisms: P. T. Cleve, XIX. 781 †
- Organic life, XIII. 456
- Planktonmètre pour pêches pélagiques à grande vitesse: G. Buchet, XVI. 374 †
- Seasonable distribution of some Plankton-organisms: P. T. Cleve, XVI. 130 †
- Thierleben in Wassersammlungen von Wechselndem Salzgehalt: E. Nordenskiöld, XVIII. 240 †
- Maps—
- Charts of the world, etc., illustrating ocean currents, XII. 645 †
- Kartographie der Meeresströmungen: M. Krug, XIX. 532 †
- Projet d'une carte générale des grands

OCEANOGRAPHY

Oceanography, Oceans—continued.

- profondeurs océaniques: J. Thoulet, XVIII. 114 †
 Weltkarte zur Uebersicht der Meeres-tiefen: German Admiralty, II. 573 †
 Temperature, IV. 258; X. 544; XII. 113; XIV. 35, 42, 429; in Great Southern Ocean, VII. 539
 Annual range of temperature in surface waters of the ocean, etc.: Sir J. Murray, XII. 113*; XIII. 98 †
 Jagttagelser over Oberfladevandets Temperatur, Saltholdighed, etc.: C. F. Wandel og C. Ostenfeld, XII. 639 †
 Jahres-Isothermen . . . der Meeres-oberfläche: W. Köppen, XIII. 98 †
 Jährliche Temperaturschwankung des Ozeanwassers: G. Schott, VI. 587 †
 Kalte Küstenwasser: E. White, XVI. 130 †
 Mean temperature of surface waters of sea round British coasts: H. N. Dickson, XVI. 130 †
 Oceanic Depths, and serial temperature observations, † III. 351; VIII. 424; X. 233; XII. 639; XIV. 465; XVII. 97; XIX. 239; XX. 472
 Temperatur-Anomalie der Meeres-oberfläche: W. Köppen, XIII. 328 †
 Temperature of the Floor of the Ocean: Sir J. Murray, XIV. 34*, 587 †
 Ochrida, lake, Macedonia, XV. 174, 417; XVI. 217
 O'Connor, W. F.: Routes in Sikkim, XVIII. 161 §, 637 †
 Octodontidae of Africa, VII. 285
 Odadhraun lava-field, Iceland, II. 157; XIII. 502
 Odenwald und Spessart, Glacialerscheinungen im: G. Klemm, VIII. 188 †
 Oder river—
 Bildung des linken Oderufers von Stettin bis Pölitz: Dr. Winkelmann, XIX. 522 †
 Course of the Oder: Leonhard, I. 563 †
 Glaciale Druck- und Faltungserscheinungen im Oder-Gebiet: F. Frech, XIX. 649 †
 Oderstrom: A. Penck, XIV. 111 †
 —, sein Stromgebiet, etc., IX. 232 †, 422 §
 Régime de l': B. Auerbach, X. 451 †
 Oder-Spree canal, V. 379
 Odessa—
 Agriculture and trade (F. O. Rep.), † XII. 538; XIV. 577; XV. 435; XVI. 245; XVII. 86; XVIII. 227
 Développement économique: G. Saint-Yves et L. Zablonowski, XII. 93 †

OGILVIE

Odessa—continued.

- Formation des lagunes des environs d'Odessa: G. du Tronquoy, XIX. 651 †
 Odessa: G. Bourge, XII. 93 †
 Phosphorescence in the Limana; M. Zabolotnyi's investigations, II. 166
 Plan, V. 167
 Population, IX. 658
 Odierna, G. B., Studio su la Vita di: A. Licitra, XIV. 559 †
 Odin, A., et G. Rabilier: Cartes des parages de pêche du thon dans le golfe de Gascogne, XIV. 453 †
 Odoborouba I., Tana river, VIII. 286, 287
 Odoric, Friar, Island of Dondin of, VII. 659
 O'Dwyer, M. E.: Agrarian conditions under British and native rule, XIV. 334 †
 Odzani river, V. 34
 Odzi river, V. 34; big game shooting in neighbourhood of, V. 37
 Oechelhäuser, W.: Die deutsche-ostafrikanische Zentralbahn, XV. 551 †, 665 †
 Oechsli, W.: see Heierli, J.
 Oehlmann, E.: L'Asie mineure au point de vue de l'émigration allemande, XIV. 579 †; Herzogtumer Bremen und Verden, X. 547 †
 Oekinghaus, E.: Ueber die Zunahme der Dichtigkeit . . . im innern der Erde, etc., XV. 444 †
 Oelwein, A.: Regulirung des Rheines zwischen Vorarlberg und der Schweiz, etc., II. 277 †
 Oertel, K. O.: Naturschilderung bei den Deutschen geographischen Reisebeschreibern, XV. 200 †
 Oertzen mts., New Guinea, VIII. 641
 Oesterby, P.: Le Danemark, XVIII. 102 †
 Oestreich, K.: Beiträge zur Geomorphologie Makedoniens, XX. 465 †; exploration in Balkan Pen., XIII. 301; in Macedonia, XV. 174; Reisen im Vilayet Kosovo, XV. 294 †; XVI. 222 §; Zweite Reise in die europäische Türkei, XVII. 319 †
 Oetscherhohlen, Untersuchungen in den: H. Crammer und R. Sieger, XIV. 221 †
 Oetzthal und Stubai (map), IV. 93 †
 Ofen (Buda), population, IX. 88
 Offord, J.: Note on geography of Phœnician inscriptions, XVI. 376 †
 Ogaden country, VIII. 121; Somalis of, VIII. 131
 Ogilvie, F. H.: Glacial phenomena in Adirondacks and Champlain valley, XX. 560 †
 —, Miss M. M.: see Ogilvie-Gordon
 —, W.: Boundary and other surveys in Yukon district, X. 631; XI. 316 †; Geography and resources of Yukon basin, XII. 21*; Information respecting Yukon district, XI. 200 †; journey

OGILVIE-GORDON

- in Yukon region, XII. 5; Yukon district, XII. 435 †
- Ogilvie-Gordon, M. M.: An Alpine crust-basin, XVII. 443 †; Crust-basins of S. Europe, XIX. 395 †; Coral in the Dolomites, IV. 374 †; Geology of the Alps, III. 421 †; of Wengen and St. Cassian strata in S. Tyrol, II. 184 †; Origin of land-forms through crust-torsion, XVI. 457 *; XVII. 215 †
- Ogowe river—Dans la boucle de l'Ogôoue: R. Avelot, XVIII. 328 †; XIX. 233 †; Miss M. R. Kingsley's travels on, VII. 95; Ogôoue et Como: M. Barrat, VIII. 531 †
- Ohio—
- Mounds and ruins in, V. 158
- Preglacial drainage in S.W.: A. H. Miller, XIX. 235 †; Do.: W. G. Tight, XIX. 402 †
- Rock waters of: E. Orton, XVI. 371 †
- river—
- Drainage features of Ohio Basin: T. C. Chamberlin and F. Leverett, III. 534 †; IV. 66 §
- Ohio valley in S. Indiana: A. C. Veatch, XII. 327 †
- Transport of coal on the Ohio and Lower Mississippi: J. H. Bartlett, XIII. 565 †
- Ohlin, A.: Arctic Crustacea collected during the Swedish Arctic expeditions, XIX. 531 †; Några anteckningar . . . i Norra Ishafvet, VII. 447 †; Om antarktiska färdar och Antarktis, XIII. 459 †; Zoologist in Tierra del Fuego, IX. 108 †
- Oikapu, New Guinea, XVI. 271
- Ok volcano, Iceland, XII. 497
- Okapi, XVII. 41; XIX. 41; Okapia, New Genus of Giraffidæ from C. Africa: E. Ray Lankester, XX. 668 †
- Okavango river, S. W. Africa, X. 175; XV. 65; XVII. 119, 583
- Bericht über eine Reise nach dem Okavangogebiet: Lieut. Eggers, XVI. 561 §, 580 †
- Region of: letter from P. C. Reid, XV. 186; letter from F. S. Arnot, XV. 291
- O'Kelly, C.: Jacobite war in Ireland (1688–1691), IV. 185 †
- Okhotsk, Tertiary deposits at, XIX. 754 †; Bogdanovich's expedition to Okhotsk and Kamchatka, XI. 175; XVI. 222; Letters: K. I. Bogdanovich, XII. 207 †; Okhotsk-Kamchatkan region: H. V. Sliunine, XVII. 551 †; XVIII. 524 §; Research on coasts: Id., IX. 567
- Oki-no-Erabo-Shima, V. 293
- Oklahoma, Report of Governor, XVII. 93 †
- Öland—Om Öländska raukar: J. Andersson, IX. 234 †; Om Ölands vegetation: E. Hemmendorff, XI. 193 †

OLIVER

- Olascoaga, M. J.: Topografia Andina, XVIII. 335 †
- Old Calabar river, Conrau's surveys in upper basin of, XV. 281
- Oldenburg, H.: Zur Geschichte des Indischen Kastenwesens, X. 549 †
- Oldenburg, Duchy of, State forests, etc.: P. Kollmann, IV. 184 †; Oldenburgische Kartographie bis zum Ende des 18. Jahrhunderts: G. Sells, VIII. 306 †, 425 †
- Oldham, C. F.: Report of maritime survey of India, IV. 376 †; Saraswati and lost river of Indian desert, I. 375 †; Topography of Arabian Sea and physical features of some of Laccadive Is., VI. 294 †
- , H. Y.: Early cartography of Japan, IV. 276; Early discovery of America, IV. 364; IX. 185; Geography in education, X. 220; Long Vacation course at Cambridge, XX. 548; Manchester Ship Canal, III. 485 *; Pre-Columban discovery of America, V. 221 *; (note by Sir C. R. Markham), V. 239; (reply), V. 501; remarks on limits between geology and physical geography, II. 532; on Prince Henry the Navigator, III. 400; Reports on geography at Cambridge, IV. 30; VI. 27; VIII. 62; IX. 654; XII. 8; XIV. 88; Do., at Manchester, II. 28; Work at Manchester, II. 16
- , R. D.: Account of great Indian earthquake, XII. 379; Beach formations in Thirlmere reservoir, XVIII. 105 †; Coast-line of Thirlmere, XVI. 446; Evolution of Indian geography, III. 169 *; Geological history of Son valley, XIX. 84 §, 230 †; List of aftershocks of great earthquake of 1897, XVII. 88 †; Manual of geology of India, IV. 281 †; Note on Allah-bund in N.W. of Rann of Kachh, XIV. 458 †; Origin of Dunmail Raise, XVII. 300 §; XVIII. 323 †; Petroleum fields of India, III. 251 †; Report on great earthquake of June 1897, XVI. 696 †; River valleys of Himalayas, IV. 85 †; Time in India, XV. 192 †
- Olds, F.: Witwatersrand gold-fields, XV. 666 †
- Olenek, Lena, and Tunguska rivers: A. L. Czekanovskii's journeys, XII. 412
- Olifants river; gold mines at, II. 219
- Olinda, A.: Venezuela in der Gegenwart, XX. 470 †
- Olinescu, D.: Hârtille Bucovinei, IX. 675 †
- Olinto, M.: on population at different elevations, IV. 358
- Oliphant, Mrs.: Siena, XII. 427 †
- Oliveira, S.: A Zona Austral da Bahia, IX. 342 †
- Oliver, F. W.: Mt. Herbetet and its Southern Ridge, VIII. 188 †
- , S. P.: African pioneers. VII.

OLIVER

- 331 †; French progress in W. Sudan, VII. 214; French Sudan up to date, III. 439 †; Land of parrots, XVII. 92 †; Madagascar expedition of 1895-96, X. 55 †; Voyages made by Sieur D. B. to Madagascar and Bourbon, X. 551 †
- Oliver, W. D.: Crags and craters; Rambles in I. of Réunion, IX. 239 †
- Olivier, E.: La Cartographie en 1900, XIX. 405 †
- Olkhon I., Fishing industry of: N. V. Levin, XI. 197 †; Olkhon and Buriats, XIV. 116 †
- Ollague volcano, Bolivia, III. 107
- Ollone, D': Mission Hostains-d'Ollone, XVIII. 640 †; Populations anthropophages du Cavally, XIX. 399; *see* Hostains
- Olmet, F. de Antón del: El problema de la China, XIX. 524 †
- Olmütz, German-speaking population of: E. Lechner, III. 528 †
- Olsen, O. T.: Chart of North Sea, XII. 223; Fisherman's Nautical Almanac and tide tables, † V. 186; VII. 224; IX. 346; XI. 324; XIII. 330; XVII. 98
- Olsson, P. H.: Häfsvattnets salthalt i Finska Skärgårdshafvet, XVI. 258 †; Trapaförande torfmosse på Åland, XVI. 245 †
- Olsufjev, E.: Territory of Anadyr, XVI. 578 †
- Oltremare, F.: Déterminations . . . effectuées par Fourreau dans son voyage, XI. 684 †; Mission Dutreuil du Rhins dans l'Asie centrale, XI. 90 †
- Olufsen, O.: Expeditions to Pamirs, VI. 472; IX. 663; X. 536; XI. 179; XII. 410; XIV. 561; XV. 175; XVI. 99; Den danske Pamir expedition, X. 648; Den anden danske Pamir-Expedition, † XVI. 366; XVII. 210; XIX. 397; XX. 353; Zweite Dänische Pamir-Expedition, XVI. 125 †
- Olympic Country, Washington: S. C. Gilman, VIII. 313 †, 399; Catalogue of mammals from Olympia mts.: D. G. Elliott, XIV. 684 †
- Olympus range and peak, 150, 262
- Omaha, tribe, Study from the: A. C. Fletcher, XIV. 340 †
- Oman, VI. 110; history, X. 614
- Across the Green Mountains of: S. B. Miles, XVIII. 465 *
- Journal of Excursion in: S. B. Miles, VII. 522 *
- Journey across: P. Z. Cox, XX. 452
- Three Journeys in N.: S. M. Zwemer, XIX. 54 *
- Omar Keui, Mysia, IX. 158
- Omdurman: F. Maurice, XIII. 92 †; Omdurman et Fachoda, le Soudan égyptien, etc.: Rouire, XIII. 455; Photographs: H. W. Seton-Karr, XVIII. 120; Position, XV. 279

OPHIR

- Omeiyades, Great Mosque of the: R. P. Spiers, IX. 576 †
- Omenica and Finlay rivers; R. G. McConnell's surveys, VIII. 400
- Omi, mt., and beyond: A. J. Little, XVII. 637 †; XVIII. 524 §
- Omin, E. Africa, XVI. 620
- Ommanney, Sir E.: remarks on "Exploration of some glaciers of Spitsbergen," XII. 157; on "Journey to Tatlet," V. 335; on "Kolgueff I.," V. 105; on proposed Antarctic expedition, XIII. 15; on "Sea-beaches and sandbanks," XI. 649; on "Topography of S. Victoria Land," XVII. 494; on "Western Sierra Madre of Mexico," VI. 437
- Omo or Nianam river, Somaliland, IV. 66; VI. 384; VIII. 223, 228, 238; X. 440, 538; XI. 385; XIV. 151; XVI. 607; XVIII. 272; course, V. 81; Böttego's journey to, XV. 50; I Fiumi Omo e Baro secondo una Carta Abissina: M. Sacchi, V. 283; La rivière Omo, et le lac Rodolphe, XV. 297 †
- Omond, R. T.: Temperature Observations in Somaliland and Abyssinia, XVI. 581 †
- Omori, F., and K. Hirata: Earthquake measurement at Miyako, XV. 80 †
- Omsk—Les lacs salés Seléty-Denghiz, Téké et Kizil-Kak du district d'Omsk: L. Berg et P. Ignatow, XVIII. 107 †; Omsk à Vierniy: G. Saint-Yves, XII. 630 †; Omsk et le Gouvernement d'Akmolinsk: G. Saint-Yves, XII. 207 †; Railway to Tomsk, V. 149
- Onas tribe, Argentina, XVIII. 578
- Onega, Dati morfometrici sul Lago di: O. Marinelli, XI. 193 †
- Ong'ulahi river, Madagascar, VI. 251
- Ontake peak, Japan, VII. 144
- Ontario—
- Clastic Huronian rocks of W.: A. P. Coleman, XI. 685 †
- Geology of . . . Seine river sheet: W. McInnes, XV. 195 †, 441 †
- Gold fields, XI. 316 †; Do. of Ontario and Br. Columbia: E. P. Rathbone, XI. 454 †; Gold mining, XI. 96 †; Bureau of Mines, Report, XI. 454 †
- McInnes, W.: work in W. Ontario, VII. 413
- Physical geology of C.: A. W. Wilson, XVIII. 641 †; XIX. 376 §
- Report on geology of Trench River sheet: R. Bell, XII. 634 †
- Topographical work, X. 626
- , Lake: *see* Great Lakes
- Ookhtomsky, Prince E.: Travels in East of Nicholas II. . . IX. 117 †; XVI. 575 †
- Ookiep, S. Africa: railway to, II. 30, 32
- Ooregum Gold Mines, Mysore; Photographs, IV. 96
- Oosterzee: *see* Koning
- Ophir, Ancient, letter from A. Wilmot on, XIV. 220; Eldorado of the ancients: C. Peters, XX. 529 §; Gold of Ophir,

OPHIR

- whence brought and by whom? A. H. Keane, XIX. 361 §, 409 †, 495; Gold-land Ophir: H. Feigl, IX. 345 †; letter from M. R. Haig on, XIII. 551; Rhodesia and the Ophir problem, XIX. 495
- Ophir mt., or Gunong Ledang, Johore, III. 294
- Opium trade in Shan States, XIV. 390
- Oporto; Associação Commercial do, VII. 439 †; IX. 458 †; Hydrographical chart of port of Leixões, I. 288 †; Vin de Porto à l'Exposition de Bruxelles, X. 548 †
- Oppel, A.: Beiträge zur Wirthschaftsgeographischen Statistik, VIII. 426 †; Griechen nach Zahl, X. 118 †; Herkunft der Bevölkerung von Madagaskar, IX. 239 †; Kokospalme, XI. 104 †; Landeskunde in Neu Guinea, I. 471 †; Map of the World, I. 287 †; political division of the earth, II. 274; scholastic progress of geography, II. 163; Stellung und Behandlung der Wirthschaftsgeographie im Schulunterricht, VI. 200 †; Teilung der Erde, I. 284 †; II. 274 §; total area of land on the globe, I. 362; Uebersichten der Wirtschaftsgeographie, VII. 683 †; X. 344 †; Zahl der Weissen im tropischen Amerika, VII. 217 †
- Oppenheim, E. C.: New climbs in Norway, XIII. 556 †
- , L.: Tirah and Khartoum expeditions, XIII. 101 †
- , Baron von: Explorations in Syria, XV. 276; Forschungsreise in der Asiatischen Türkei, XVIII. 549 †; Rabeh und das Tschadseegebiet, XX. 668 †; Reise durch die Syrische Wüste, III. 531 †; Reise von Damaskas nach Bardad, VII. 548 §, 658 §; VIII. 92 †; Do., Routen-Karte, VII. 687 †; Vom Mittelmeer zum Persischen Golf, XIV. 117 †; XVI. 367 †; XVII. 183 §
- Oppenheimer, Sir C.: Trade of Frankfurt-on-Main, XIV. 453 †
- Oppermann, E.: J. J. Egli (biography), IX. 346 †; Erklärung geographischer Namen aus der Südpolarwelt, XIV. 231 †
- Oppert, E. (biography): A. Miessler, V. 186 †
- , G.: Reise nach Kulu im Himalaya, X. 228 †
- Orakzai tribe, Tirah, XII. 347
- Oran, Department of; irrigation works, II. 553
- Orang Laut, VI. 333; VIII. 386
- Orange river, S. Africa, II. 35; Orange river ground moraines; A. W. Rogers and E. Schwarz, XVII. 211 †
- Colony—
- De Orange Vrijstaat: D. Aitton, XVI. 370 †
- Map of Orange Free State: Stanford,

ORIENTAL

- Orange River Colony—*continued*.
XIV. 694 †; Wood & Ortlepp, XV. 560 †; War Map: W. & A. K. Johnston, XVI. 136 †; Official map: J. J. Herfst, I. 94 †; Reference map: J. J. Herfst, X. 235; School Kaart van den Oranje Vrij Staat: J. J. Herfst, VI. 203 †
- Orange, une ancienne capitale: E. Roussel, XVI. 570 †
- Orbe Novo, De, par P. M. d'Anghiera; traduite P. Gaffarel, XIII. 99 †
- Ordinance Survey (*for maps see* New Maps, *in G. J. passim*)—
- Catalogue of maps and plans, XVIII. 548 †
- Committee on maps, VIII. 536, 633
- Ordinance Survey, V. 404 †
- maps, Board of Agriculture, XII. 205 †; suggested improvements, II. 14
- Report of Committee appointed to inquire into present condition of, I. 380 †
- Sale of maps, X. 436; Sale and Distribution of: H. T. Crook, IX. 348 †
- Tidal observations, XIV. 571, 578 †
- Twelve years' work of: Sir J. Farquharson, XV. 565 †; XVI. 364 †
- Use of . . . maps in teaching geography: Sir A. Geikie, XX. 365 †
- Ordoñez, M. E.: Un voyage a la "Sierra Madre del Sur," XVII. 452 †
- Ordos country, III. 359; plains, V. 263
- Oregon—
- Coos Bay coal-field: J. S. Diller, XVI. 371 †
- Crater lake in: J. S. Diller, IX. 579 †; Do. and origin of Wizard I.: M. B. Kerr: II. 280 †
- Geological reconnaissance in: J. T. Diller, XII. 100 †
- History, geography, and resources: J. H. Mitchell, VI. 197 †
- Sage plains of: F. V. Coville, IX. 241 †
- Trade Rep., † XIV. 584; XVII. 93; XVIII. 643
- O'Reilly, J. P.: Dates of volcanic eruptions, XV. 302 †; Milesian colonization considered in relation to gold mining, XVII. 319 †; Remarks on Capt. Cuellar's adventures in Ireland after wreck of Spanish Armada, etc., III. 344 †
- Orel I., Franz Josef Land, X. 185
- Orenburg-Tashkent railway, XX. 453
- Orff, K. von: Telegraphische Bestimmungen für die Königliche Sternwarte zu Bogenhausen, VII. 527 †
- Organisation d'un voyage d'exploration: J. Dybowski, XIV. 347 †
- Organ mts.—O "muriey" da Serra dos Orgãos: J. Huber, XIV. 462 †
- Oriental catalogues of new and second-hand books on sale by Kegan Paul, Trench & Co., XIII. 319 †

ORIENTAL

- Oriental objects of art; Collection of Sir R. Alcock, XII. 441 †
- region of distribution of mammals, III. 98; VIII. 378; Past history, VIII. 388
- social life, Studies in: H. C. Trumbull, V. 404 †
- Orientalische Bibliographie, † III. 77; IV. 471; X. 344
- Orinoco river, XVII. 360; Im Delta des Orinoko: Graf. E. zu Erbach-Erbach, VII. 566 †; In the valley of: S. Paterson, XIII. 39*; Reise in das Quellgebiet des: G. Hübner, XI. 101 †
- Orissa and Northern Circars: J. Hill, VIII. 309 †; Identification of Orissan port of Chitralata: L. A. Waddell, V. 88 †; Work of Indian Survey in, I. 67
- Orizá, ancient tribe, VII. 389
- Orizaba, Altitudes of Popocatepetl and: A. E. Douglass, XII. 213 †; Ascent of: A. R. Crook, XX. 670 †; Orizaba, or Citlaltepétl: J. T. Scovell, II. 187 †; Trip to summit of: W. A. Cogshall, XII. 213 †
- Orkneys—Old Red sandstone of the: J. S. Flett, XVI. 695 †; Orcas ancient name of, I. 518; Thorough Guide Series: M. J. B. Baddeley, XVI. 364 †
- Orleans, Prince Henry of: *see* Henry of Orleans, Prince
- Orloff, A., and I. Mushketoff; Catalogue of Earthquakes in Russia, VI. 186
- Omára, Makrán, XIX. 129
- Ormerod, R. M.: Journey on Tana river, VIII. 283 *
- Ormuz or Hormuz, XIX. 123, 126; view of Ormus in 1627: W. Foster, IV. 160 *
- Orne, La dépopulation dans l': A. Dumont, XI. 447 †
- Ornithorhynchus Echidna*, IV. 38
- Orogenic pole: *see* under Mountains
- Orography: *see* Mountains
- Orok-nor, Tibet, XIX. 580
- Oropeza, S.: Limites entre la República de Bolivia y la República Argentina, I. 471 †
- Oroya railway, Climatic contrasts along: R. de C. Ward, XI. 456 †
- Orr, W.: Geographic features of Connecticut valley, X. 122 †
- Orrery, The Rittenhouse: A. Rosenbach, XV. 87 †
- Orsey, J. d': Portuguese Missions in Asia and Africa, II. 569 †
- Orsi, P.: Modern Italy, XV. 661 †
- Orta, Il lago d': G. de Agostini, IX. 677 †; XVIII. 226 †
- Ortelius, A.; biography: W. Wolkenhauer, XII. 441 †
- Orthography of geographical names, III. 505; R.G.S. system, II. 456; resolution by Congress, VIII. 294; C. Garnier on, XV. 73; in Congo State, XII. 85; in Iberian Pen.: A. K.

ORTLOFF

- Orthography of geographical names—*continued.*
- Fabricius on, II. 364; in Shan States, IV. 64; in Somaliland, V. 485
- Geographical place-names in Europe and the East: J. Burgess, VIII. 536 †
- Irrégularités orthographiques des noms de lieux: J. V. Barbier, VII. 222 †
- Literation and transliteration: H. Morris, XVIII. 243 †
- Metodo e misura nelle ricerche di toponomastica: G. Grasso, XVI. 592 †
- Notes on spelling of some geographical names: G. G. Chisholm, XIV. 467 †
- Origin of geographical place-names: E. J. Forbes, XVIII. 114 †
- Orthography of geographical names: J. C. Dalton, I. 431 *
- , etc., of names for national maps: H. T. Crook, XII. 383; XIV. 691 †
- Question of geographical names in Egypt: F. Bonola Bey, I. 473 †; II. 283 †
- Rules for native names of persons and places, IV. 475 †
- Schreibung geographischer Namen: W. Köppen, I. 431 §; (letter on), II. 71; Do., nach russischer Kartenwerken: J. Bielawski, XII. 441 †
- Seele der geographische Namen: J. J. Egli, VII. 684 †
- Significance and importance of geographical names: W. W. Rupert, XVII. 566 †
- Spelling of geographical names (W. Australia), XVIII. 461 †
- of some common geographical names, XIII. 100 †
- Sull' Ortografia e l'Ortoecopia dei nomi geografici, etc.: G. Grambino, V. 404 †
- Transcription des noms géographiques: D. Aitoff, IX. 689 †
- des noms géographiques arabes, persans et turcs: C. Nallino, V. 404 †
- rationnelle générale des noms géographiques, Méthode de: C. Garnier, XIV. 236 †, 690 †; XV. 73 §
- Trascrizione dei Nomi di Luogo: S. Crotta, XVI. 592 †
- Ueber die Schreibweise von Ortsnamen: P. Staudinger, VII. 222 †
- U.S. Board, Work on geographical names: H. Gannett, VIII. 536 †; second report, XIX. 242 †, 384 §
- Ortler Alps, Vertical distribution of snow, plants, etc., VIII. 519
- Ortmann, A. E.: On separation, and its bearing on geology and zoogeography, VIII. 425 †
- Ortloff; on planting experiments in Germ. S.W. Africa, XVII. 90

ORTON

- Orton, E.: Rock waters of Ohio, XVI. 371 †
 Ortrov, F. van: Protectorates et sphères d'influence en Afrique, XIII. 418 §, 455 †
 Ortsbestimmungen ohne astronomische Instrumente: P. Harzer, VIII. 194 †
 Osageindianer: A. S. Gatschet, XII. 435 †
 Osaka, Trade (Foreign Office Rep.), † XIII. 90; XVI. 248; XVIII. 106
 Osambela, C.: Hidrografia Peruana, IX. 242 †
 Osborn, H. F.: Geological and faunal relations of Europe and America during Tertiary period, etc., XVI. 130 †
 Osborn, H. F.: Goode as a naturalist, IX. 583 †
 —, S.: geographical work, VI. 12
 Oshim or Gorkaya steppe, Siberia, I. 546
 Oshima group, Luchu Is., V. 292
 "Osma" early maps, XIV. 623
 Osmanieh, VIII. 319
 Osorno volcano, Patagonia, XVI. 33
 Ossa lake, Kamerun: see Lungasi
 Ossat, A. d': Storia fisica dell Agro-Romana, VII. 561 †: see Sacchi
 Ossuna y van-den-Heede, M. de: Anaga and its antiquities, XI. 197 †; El Mapa de la región de Anaga (Islas Canarias), XI. 453 †
 Ostende, La fondation de la Compagnie d', XX. 250 †
 Ostenfeld, C.: En Nat paa Jan Mayen, XIII. 96 †
 —, and O. Gelert: Flora Arctica, XX. 673 †
 Osten-Sacken, Count R.: On so-called Bugonia of ancients and its relation to Eristalis tenax, III. 353 †
 Ostiak tribe, Siberia, XVI. 347; Die Irtysh-Ostjaken, etc.: S. Patkanov, XII. 207 †
 Ostrevant — De la Scarpe à l'Escant, L'Ostrevant: A. Malotet, XIX. 227 †
 Ostroumoff, A.: Recherches hydrobiologiques . . . de la Russie méridionale, XI. 88 †
 Ostroumoff, N. V.: Geography of Turkistan country, etc.: trs. E. Peach, II. 472 †
 Ostrovo, lake, Macedonia, XVI. 218
 Østrup, J.: Historisk-topografiske Bidrag . . . Syriske ørken, VII. 678 †
 O'Sullivan, H.: explorations in Canada, VII. 315; Report of progress of exploration in country between Lake St. John and James Bay, XIX. 91 §, 234 †; Lecture on N. Canada, X. 552 †
 —, M.: journey through Hunan, XVIII. 67
 Oswald, A.: Eine Besteigung des Ararat, XVI. 698 †
 —, F.: note on geology of C. Kurdistan, XVIII. 140
 Oswego, Swamps of: W. W. Rowlee, XI. 98 †

OWEN

- Oswell, F.: Port Dinorwic docks, XX. 666 †
 Oswell, William Cotton: T. Hughes, V. 186 †; W. C. Oswell, hunter and explorer: W. E. Oswell, XVI. 705 †; obituary, I. 561
 Otago, W., Explorations in: T. Mackenzie and W. S. Pillans, IX. 465 †
 Othrys mts., Greece, III. 324
 O'Toole, H.: Improved form of Hydrometer, etc., XIV. 233 †
 Otovia mt., New Guinea: see Gillies mt.
 Otsuji Coal Fields in Ongo: J. Suzuki, XIV. 580 †
 Ottawa—
 Capital of the Dominion, XI. 200 †
 Geological survey of district, VII. 415
 Guide to central experimental farm, XI. 316 †
 — Canal, Physical features, etc., of route of proposed: R. W. Ells and A. E. Barlow, IX. 463 †
 — and St. Lawrence rivers, Physical features and geology of Palæozoic basin between: R. W. Ells, XIX. 528 †
 Ottertail group, Canadian Rockies: J. Outram, XX. 358 †
 Otilien river, New Guinea, IX. 95; Tappenbeck's exploration, XII. 81; XIII. 437
 Otuquis river, Bolivia, XIX. 72
 Oudemans, J.: Longitude de Batavia, VII. 330 †; Triangulation von Java, † VI. 487; X. 120; XVIII. 549, 638
 Our Empire Atlas: W. & A. K. Johnston, X. 235
 Ouseley, Sir W.: on I. of Kais, VII. 645, 648
 Outerbridge, A. E.: Undeveloped mineral wealth of Newfoundland, XI. 96 †
 Outram, J.: First ascent of Mt. Assiniboine, XX. 358 †; Ottertail Group, Canadian Rockies, XX. 358 †
 Ouvre, H.: Un mois en Phrygie, VIII. 308 †
 Ovamboland—
 Bemerkungen zu Bernsmanns Karte des Ovambolandes: P. Brincker, VIII. 531 †
 Beschreibung der "Eumbo" in Nord-Ovamboland: P. H. Brincker, IX. 340 †
 Ovamboland und dessen Stämme und Dialekte der Lingua-Bantu (map): F. Bernsmann, VIII. 428 †
 Overbergh, C. van: Dans le Levant, en Grèce et en Turquie, XV. 78 †
 Overton, J. H.: Practical method of teaching geography, XVII. 456 †
 Ovis Karelini, VIII. 38
 — Poli, III. 472; V. 247; VIII. 38
 Owari, Japan; Earthquakes in, X. 533
 Owen, L. A.: Bluffs of Missouri river, XIX. 402 †; Cave Regions of Ozarks and Black Hills, XIII. 324 †

OWEN

Owen, Miss L. A.: Marble cave (Missouri) and Wind cave (Dakota), XI. 97 †
 —, R.: Madeira waterways, XIII. 93 †
 —, Roddy: Mrs. Bovill and G. R. Askwith, XI. 208 †

Owen Stanley Mts., New Guinea, IV. 568;
 A. Giuliani's explorations, XII. 318;
 Government expedition . . . to main range: Sir F. P. Winter, XIX. 95 §, 237 †; Sir W. Macgregor's, IX. 93, 449; XII. 318, 417; Do., Despatch . . . reporting visit, XII. 102; XIII. 458 †

Owens College, Geography at: A. J. Herbertson's report, VI. 77; VIII. 63; Manchester Museum, report, XII. 642 †

Oxenham, E. L.: Historical Atlas of Chinese Empire, XII. 222 †; obituary, IX. 99

Oxford—

Origin of, X. 526

School of Geography, XIII. 480; XIV. 2, 82; XVI. 3, 357; XVII. 311; Diploma, XVI. 112; Examination papers, XVIII. 448; Programme, XIV. 559; Progress, XVIII. 2; Reports, II. 25; IV. 29; VIII. 61; IX. 653; XII. 8; XIV. 87; XIX. 643; Revised regulations, XX. 108; Scholarship, XVI. 567; Studentship, I. 354; V. 377; III. 329; Vacation Course, XX. 460

Underground temperature at: A. A. Rambaut, XVII. 208 †

University Bicycle Club, Roads round Oxford: H. Graves and A. B. Evans, X. 454 †

— and Cambridge Local Examinations, Award of R.G.S. Medals, VI. 94

Universities, Geo-

graphy at, VI. 25

Oxfordshire, Murray's Handbook, IV. 280 †

Oxus river (*see also* Amu-daria), XIV. 618; course, J. Walther on, XIII. 66; native descriptions of, VIII. 52, 53; origin, Lord Dunmore on, III. 116; origin of name, VIII. 48; source, II. 401; VI. 8; VIII. 46; X. 105; XIII. 53; early authorities on source; VIII. 52; Lord Curzon's visit to, IV. 563; XIII. 441; H. Trotter on, XIII. 442; Upper, X. 537

Alte Bett des: W. Komischke, I. 64 §, 84 †

Hydrography of: W. Komischke, III. 251 †

— of Ancient: E. Blanc, I. 182 †

Oxusproblem in historischer und geologischer Beleuchtung: J. Walther, XIII. 321 †

Source of Oxus and Pamirs: Lord Curzon, VIII. 15 *, 97 *, 239 *

Oya Shiwu current, I. 555

Oyapok river, Fr. Guiana, XVII. 356

Oysters, Identity and distribution of

PACIFIC

mother-of-pearl: H. L. Jameson, XIX. 112 †

Ozark Isle, Myth of: C. R. Keyes, XII. 214 †

— region of Missouri, IX. 666

Ozarks and Black Hills, Cave regions of: L. A. Owen, XIII. 324 †

Ozernya-See (Hungary): G. Czirbusz, XVI. 571 †

Ozi river, E. Africa, IV. 99, 301

O'Zoux, L.: L'agriculture à la Réunion, X. 650 †; Population de la Réunion, IX. 340 †, 665 §

P.

PACAYA volcano, C. America, XVI. 478

Pachtussoff Is., Arctic, XI. 360

Pacific Ocean—

Admiralty Surveys, VIII. 56; IX. 657; XII. 72; XIV. 85

Albatros, Missions-Reise: J. von Mauler and W. Kesslitz, XV. 670 †; XVI. 230 §

Albatross expedition, XIV. 215; XV. 285, 425, 649; Cruise of the *Albatross*: A. Agassiz, XV. 302 †, 443 †; Explorations of the *Albatross*: A. Agassiz, XV. 443 †; XVI. 128 †, 255 †; Soundings; A. Agassiz on, XV. 182

Anthropological study of, IX. 568

Australien und Südseefahrt: A. Daiber, XIX. 776 †

Cable, All-British, IX. 689 †; XX. 573, 658; All-British or Anglo-American: C. Bright, XII. 642 †; (Engineer's Report), XX. 248 †

— Surveys: Z. L. Tanner, I. 463 §, 571 †; Proposed construction of cable across Pacific, XVI. 255 †; *see also* Soundings, *below*

Canoe voyages in, XVII. 309

Coming struggle in the: B. Taylor, XIII. 220 †

Currents—Australian coasts, H. C. Russell on, XI. 438; Drift of floating bottles in Pacific; J. Page, XIX. 111 †; on Canadian-Australian route: M. W. C. Hepworth, XV. 89 †; Stille Ocean und seine Wasserbewegungen: G. Schott, VIII. 195 †

Date line in; A. M. W. Downing on, XV. 415 *

Deep-sea deposits and their distribution: Sir J. Murray, XIX. 691 *

Diary of voyage from San Francisco to Tahiti and return: S. P. Langley, XIX. 531 †

Early voyagers in: A. T. Atkinson, III. 75 †

Earthquakes, X. 133; Catalogue of earthquakes on Pacific coast: E. S. Holden, XII. 435 †

Exploring expedition to Mid-Pacific ocean: H. Smith, XIV. 588 †

PACIFIC

Pacific—continued.

- Fischereibänke des Nördlichen Stillen Ozeans: G. Schott, XI. 103†
 Floatsam and Jetsam from the Great Ocean: J. B. Stair, VII. 218†
 Genesis of Mid-Pacific faunas: H. A. Pilsbry, XVIII. 114†
 Geographical Society of the Pacific, Bequest to, XX. 661
 Geological evidence for a S. Pacific continent: C. Burckhardt on, XVIII. 540
 German possessions in W., Count Pfeil on, XV. 72
 ——— scientific expedition, XX. 658; Deutsche Südsee-Expedition von Br. Meneke: O. Heinroth, XX. 672†
 Gravity determination with half-second pendulums, etc.: T. C. Mendenhall, II. 91†
 Islands (*see also* Oceania)—Amongst tropical islands: H. Chewings, XIX. 531†; British annexation, XII. 525; Coral islands, VI. 329; France en Océanie: E. Gallois, XX. 562†; Geographical progress since 1857, IX. 591, 601; Index to islands: W. T. Brigham, XVIII. 337†; Islands of the Southern Seas: M. M. Shoemaker, XI. 686†; Log of an island wanderer: E. Pallander, XIX. 404†; Nomenclature, XIV. 545; Nomenklatur der Südsee: F. von Luschan, XIX. 404†; Do. der Südsee-Inseln: F. Strauch, XV. 425 §, 443†; Notice sur les établissements français de l'Océanie, XVI. 703†; Photographs: W. A. Lucas, XIV. 696; Unexplored islands, II. 493
 Jesup N. Pacific expedition, IX. 568; X. 639; XIV. 96; Field work, XIV. 347†; Jesup-Nordpazifischen Expedition: F. Boas, XIX. 408†, 409†; Proposed Exploration, IX. 689†
 Maps—Charts (India-rubber, Gutta-percha, and Telegraphs works), XIV. 469†; Chart of Oceania and Pacific: Bartholomew, XVII. 330†; Current Charts, XI. 330†; Pilot Charts, †VII. 124, 228, 452; VIII. 96, 316, 428; IX. 120, 352, 472, 588, 692; XI. 212, 331, 580; XII. 111, 336, 444, 645; XIII. 104, 224; Russian Charts, XII. 647†; Spezifisches Gewicht des Oberflächenwassers: A. Lindenkohl, XI. 330†; Do. des Meerwassers im Nordost Pazifischen Ozean: A. Lindenkohl, XI. 322†; Stillter Ozean, Atlas: G. Neumayer, VII. 688†
 Mastery of the: A. R. Colquhoun, XIX. 777†
 Needed foothold in: A. S. White, VI. 97†
 Nomenclature: *see* Islands

PADIRAC

Pacific—continued.

- Pacific Coast of America: *see* United States, etc.
 ——— tours and around the world: T. White, XVIII. 345†
 Physiographische Probleme; Salzgehalt . . . des Pazifischen Ozeans: A. Lindenkohl, XIII. 569†
 Positions géographiques dans les possessions allemandes, XII. 636†
 Problems of: O. P. Austin, XX. 675†
 ——— physiography, concerning salinity and temperature of: A. Lindenkohl, XVII. 216†
 Question of the (Peru and Chile): V. Maurtua and F. A. Pezet, XIX. 776†
 Rainfall type, II. 369
 River-basins of Pacific domain, Areas (S. America), IX. 666; (Asia), XI. 62; (N. America and Australia), XII. 182
 Russian work in N. Pacific: O. Krümmel, I. 570†
 Sailing directions, XVII. 96†; Fiji, Tonga, etc., XVIII. 236†; N.E., XX. 128†; S. Pacific, Supplement: W. R. Kettle, XVIII. 338†
 Schilder der Oceanier: L. Frobenius, XV. 443†
 Search for reported dangers in S. Pacific, etc., XI. 457†
 Segelhandbuch für den Stillen Ozean, X. 657†
 Soundings, IV. 257; VI. 477; VII. 318; VIII. 56; XII. 619; XV. 426; cable ships, VI. 477; Sounding cruise of H.M.S. *Egeria* on proposed Pacific Cable route, Report: B. T. Somerville, XVII. 454†
 Studien und Beobachtungen aus der Südsee: Graf Pfeil, XIV. 686†; XV. 72 §
 Sunshine and surf; A year's wanderings in South Seas: D. B. Hall and Lord A. Osborne, XIX. 237†
 Temperatures, XIV. 38, 45; Surface, XII. 118, 821; Température . . . de l'Océan Pacifique: J. Girard, XIV. 123†
 Tides in midst of: A. Brownlie, XX. 361†
 Unentdecktes Goldland: O. Nachod, XV. 674†
 Verteilung des Salzgehalts: O. Krümmel, I. 480†
Vitiāz et l'Océan Pacifique: S. Makaroff, III. 64; IX. 582†
 Volcanoes: C. Phillips, XV. 670†; XVII. 680†
 Pacifico ridge, Italy, X. 427
 Padirac (Lot)—Exploration de la rivière souterraine de: E. A. Martel, VIII. 306†; Gouffre de, nouvelles observations dans le: E. A. Martel, VI. 579†; Troisième exploration du: E. A. Martel et E. Rupin, X. 547†

PADRIČ

Padrič: *see* Corniale

Padrões or pillars set up by Portuguese discoverers, XVI. 627, 642

Pagade, Lake: *see* Regina Margherita

Paganini, P.: Rilievamento foto-topografico, V. 398 †

Page, J.: Drift of floating bottles in Pacific Ocean, XIX. 111 †; Ice and ice movements in Bering Sea, XVI. 110 §, 373 †; Ocean currents, XX. 250 †; Reports of vessels as to range of volcanic dust, XX. 672 †

—, J. L. W.: Up the Volga, XII. 94 †

Pahang, IX. 2; Annual reports, † XI 452; XIII. 213; XV. 81; XIX. 105; Malays of, IX. 34; Mining life and general features: W. B. Roberts, XI. 452 †

Pahde, A.: Erforschung des Kongo-Systems, VII. 113 †

Pai tribe, VIII. 570

Pai Ho, river, Mongolia, XI. 498

Pailin, Siam, VIII. 432; ruby mines, VIII. 434

Paillot, R.: Le Grand-Duché de Luxembourg et Trèves, VI. 96 †; Voyage au pays des Croisés, XIII. 319 †

Paine, mt., Patagonia, XIV. 256

Paisant, M.: Madagascar, VI. 583 †

Pai-shui river, XII. 230

Paita, cable interruptions near, X. 265

Paiva, A. de: Expedição ao Bihé, VII. 214 †

Pakhoi, Trade Rep., XIV. 457 †; XVI. 486 †

Pak-payun, Siam, XI. 482

Palabora district; old gold workings, II. 230

Palache, C.: Geological congress in Russia, XI. 107 †

Palacky, J.: Geographical distribution of turtles, etc., XIV. 123 †

Paladini, E.; expedition to lake Urmia, XI. 175

Palæarctic Region of distribution of mammals, III. 99; X. 84

Palæogeography; A. de Lapparent on, VIII. 67, 183

Palauing tribe, VII. 596

Palazzo, L.: Carte magnétique de la Sicile, XIV. 454 †; Misure magnetiche eseguite in Italia, XIV. 454 †; Risultati . . . magnetiche in Sicilia, XI. 450 †

Palazzo Reale, mineral spring, X. 434

Palembang, Sumatra, XIX. 755

Palena, Memoria del Inspector de la Colonia de, IX. 242 †

— river, Patagonia, XIV. 360; XVI. 26, 195

Palenque, ruins at, V. 159; Aus dem Inschriften-Tempel von: E. Förstermann, XIII. 457 †

Palestine—

Ægean civilization, Influence on S. Palestine: F. B. Welch, XVII. 90 †

PALIQUE

Palestine—continued.

Ain el Feshkhah, etc.: E. Masterman, XX. 244 †

Aperçu de la structure géologique de l'Arabie Pétrée et de la Palestine: E. Hull, V. 87 †

Archæological researches in: C. Clermont-Ganneau, VII. 678 †; XV. 550 †

Armenian description of Holy Places in seventh century: R. N. Bain, VIII. 651 †

Bird's-eye view of, and Syria: A. Boutroue, IV. 188 †

Colonies juives et allemandes en: P. Mille, XIV. 116 †

Days in Galilee and scenes in Judæa: A. A. Boddy, XVI. 698 †

Exploration: C. R. Conder, XII. 324 †; Revelations, etc.: J. I. Whitty, X. 228 †; Who originated the exploration fund? Id., IV. 475 †

Geographische Verbreitung der Säugetiere in Palästina und Syrien: A. Nehring, XX. 354 †

Guide to Palestine and Egypt: Macmillan & Co., XIX. 366 §, 410 †

Handbook for Palestine and Syria: Baedeker, III. 70 †; XIII. 215 †

Historical geography of Holy Land: G. A. Smith, IV. 86 †, 450 §; IX. 339 †

Jewish colonies in: J. Prag, XII. 209 †

Maps—Matthew Paris', XVI. 325; Mosaikkarte Palästinas: W. Kubitschek, XVII. 675 †; Do. von Madaba: A. Schulten, XVII. 210 †; (review: C. R. Beazley), XVII. 516; XVIII. 327 †; Murray's Handy Classical maps: G. B. Grundy, XVI. 498 †; Topographical and physical map: J. G. Bartholomew, ed. G. A. Smith, XVIII. 117 †, 347 †

Météorologie de la Palestine et de la Syrie: R. Zumoffen, XV. 296 †

Notes sur la, XVIII. 108 †

Palästina: T. Fischer, IX. 238 †

Photographs: G. R. Lees, V. 192

Pilgrimage to: J. Smith, XI. 92 †

Railway, Jaffa-Jerusalem, Report: J. Dickson, II. 563 †

Roman road and milestones in, V. 12

Sand-dunes, IX. 303

Summer travel in, V. 8

Trade Rep., XVI. 248 †; XVIII. 326 †

Two years in Palestine and Syria: M. Thomas, XV. 193 †

Village life in: G. R. Lees, XI. 92 †

Visit of David the Reubenite to Hebron and Jerusalem: T. Chaplin, IX. 339 †

Zuallardo's travels in: C. R. Conder on, XIX. 753

Paley, W. B.: Roman roads of Britain, XIII. 212 †

Pali and Mamaidi, Notes on journey to: P. A. Clive, XIV. 177 *

Palique mt., Patagonia, XIV. 258

PALK'S

- Palk's Bay and Strait: D. Ferguson, XI. 683 †
- Pallander, E.: Log of an island wanderer, XIX. 404 †
- Palleske, R.: S. Hedin's Rückkehr, X. 339 †
- Palma Insel, Besuch der: O. Burchard, XX. 668 †
- Palmer, N. B.: discoveries in S. Shetlands, XVIII. 364, 366
- Palmer Land, Antarctic, II. 435; VII. 628; XVII. 153; XVIII. 364
- Palmié, E.: Le canal des Deux Mers, XX. 349 †
- Palmieri, L. (biography): W. Wolkenhauer, IX. 468 †
- Palmqvist, A.: Hydrografiska Undersökningar i Gullmar fjorden, III. 158 †
- Palocz, L.: Karl Keleti (biography), I. 380 †; Prof. L. von Lóczy (do.), VII. 339 †
- Palominos, Posición . . . de: F. Villareal, XI. 100 †
- Palong river, Johore, III. 289
- Pamabo mts., Borneo, XVI. 39
- Pamalombe lake, C. Africa, II. 422; X. 291
- Pambakal pass, Bakhtiari mts., IV. 492
- Pamir-i-Bugrumal, VIII. 35
- Pamir-i-Kurd and Pamir-i-Kalan, VIII. 34
- Pamir-i-Wakhan, VIII. 33
- Pamirs**, VI. 350; VII. 462; triangulation, XIII. 474; unexplored areas, II. 491
- Boundary Commission, VI. 278; VIII. 60; XIII. 50; letter from H. Trotter on, XIII. 442; Preliminary Report, etc.: Sir T. H. Holdich, VII. 441 †; Proceedings: H. Trotter, XIV. 334 †; Report: M. G. Gerard, Sir T. H. Holdich, R. A. Wahab, and A. W. Alcock, XIII. 320 †; route and geographical work, VII. 91
- Chasses et explorations dans la région des Pamirs: Vicomte E. de Ponceins, IX. 459 †
- Danish expeditions under O. Olufsen, IX. 663; X. 536; XI. 179; XII. 410; XIII. 302; XIV. 561; XV. 175; Danske Pamir-Expedition: O. Olufsen, X. 648 †; Den anden danske Pamir Expedition: Id., † XIV. 334; XVI. 363; XVII. 210; XIX. 397; XX. 353; Zweite Dänische Pamir-Expedition, XVI. 99 §, 123 †
- Dunmore, Lord: Journeys in Pamirs and C. Asia: II. 385*; Pamirs; . . . expedition through Kashmir, etc., III. 70 †, 115 §; letter on criticism, IV. 180
- Du Turkestan au Kashmir à travers les Pamirs: Vicomte E. de Ponceins, VIII. 308 †
- England, Russland, und Afghanistan: F. Immanuel, III. 437 †
- English and Indian explorers, VIII. 256

PANCALDO**Pamirs—continued.**

- English, Russians, and Chinese in: Comte G. d'Alviella, IV. 469 †
- Fedchenko's expedition, XVIII. 212, 617
- Golovin, D. N.: expedition, XIII. 658
- Hedin, S.: expeditions, IV. 62; X. 210; XI. 241; Physische Geographie des Hochlandes von Pamir: S. Hedin, V. 88 †; Quelques esquisses de la Commission anglo-russe de délimitation des Pamirs: S. Hedin, VIII. 308 †
- Innermost Asia, Travel and sport in: R. P. Cobbold, XV. 435 †
- Map—Partage du Pamir, VIII. 427 †
- Mesures actinométriques à Pamir: M. B. W. Stankewitch, XVII. 320 †
- Observations et notes météorologiques sur l'Asie central et notamment les Pamirs: G. Capus, I. 182 †, 268 §
- Pamir "das Dach der Welt": B. Stern, I. 565 †
- e le regioni adiacenti: F. de Rocca, V. 280 †
- Pamirs and source of the Oxus: Lord Curzon, VIII. 15*, 97*, 239*
- Photographs: H. H. P. Deasy and A. Pike, XV. 562; Do. by members of Commission with Gerard, VIII. 656
- Poncins, Vicomte, E. de; Expedition, III. 57
- Russian explorers, VIII. 256
- Saint-Yves, G.: expedition, XV. 533
- Sport on Pamirs and Turkistan steppes: C. S. Cumberland, VI. 194 †
- Ximénès' remarks on, I. 159
- Pampaloni, L.: I terreni carboniferi di Scui ed oolitici della Perdaliana in Sardegna, XVI. 362 †
- Pampas**—beds of fossil mammal remains in, V. 482; of Patagonia, II. 158; Om Pampas formationen: O. Nordenskjöld, XVIII. 341 †; Pampean Sea; formation of bed, XII. 395; Southern Plateau of Bolivia (Pampas Peladas): C. M. S. Pasley, III. 105*; The Pampas: Pr. Kropotkin, III. 318*
- Panaka or Panakasum people, III. 364
- Panama**—
- Cable interruptions near, X. 5265
- Canal, X. 56, 330; XIX. 326; Defence of Panama route: A. Heilprin, XX. 359 †; Isthme de Panama et le Canal interocéanique: M. Bel, XIX. 776 †; Panama Canal route: R. T. Hill, VII. 445 †; Nicaragua, etc., Canal route: T. W. Hurst, XIII. 682 †; Panama route for ship canal: W. H. Burr, XX. 469 †; Present condition and prospects of works: J. T. Ford, XIX. 110 †
- Early history of Isthmus, XIX. 319
- Trade Rep., XII. 636 †
- Panarctic subregion of Palearctic region, X. 86
- Pancaldo, L.: P. Peragallo, VI. 396 †

PANCKOW

- Panckow, H.: *Betrachtungen über das Wirtschaftsleben der Naturvölker*, VIII. 425 †; *Bevölkerung Formosas*, VII. 330 †
- Pandeme, Sierra Leone, IV. 132
- Panderma, Mysia, IX. 158
- Pandia, M. V.: *Separation of Banswara from Dungarpur State in Rajputana*, XI. 312
- Pando, J. M.: *exploration of Madre de Dios*, VII. 187; X. 443; XIV. 214; *Map of N. Bolivia*: G. E. Church, XVIII. 144*; *Viaje à la región de la Goma Elastica*, VI. 97 †
- Pando, Rio, Bolivia, XIX. 66
- Pandomanagai, dwarf race, VII. 390
- Panga, mt., E. Africa, II. 512
- Pangani, Germ. E. Africa—Aus dem Bezirk Pangani, XX. 467 †; *Reisebriefe . . . am*: G. Meinecke, VII. 442 †; *Unterlauf des Pangani Flusses*: O. Baumann, VIII. 93 †
- Panganini, P.: *Del rilevamento fototopografico*, I. 89 †
- Pangon, A. Baraillier's journey to, II. 171
- Panja river: *see* Ab-i-Panj
- Panjgur, X. 221; *topography*, VII. 670
- Panjhora river, VII. 43
- Pan-Kiang, river, XIV. 640
- Pan-Long, Shan States, X. 325
- Panopa I.: *see* Ocean I.
- "Panoram," The, invented by R. W. Stewart, I. 558
- Panouse, Col. de la: *Biography of Pr. Henri d'Orléans*, XIX. 112 †
- Pantang Kapor, language of Johore, III. 286, 298
- Pantellaria: A. Mayr, XVI. 244 †; *Vulcanischen Ausbrüche, etc.*: O. Lenz, IV. 186 †
- Panton, J. A.: "Australia Deserta," VIII. 422 †; *On fate of Leichhardt's lost expedition*, XV. 429
- Pantukhoff; on Kumyk tribe, XI. 427
- Panyami river, I. 304
- Pao Li Ku Ho, Mongolia, XI. 503
- Pao-ning Fu, Sze-chuan, X. 22
- Papagueria: W. J. McGee, XIII. 216 †
- Papal lines of demarcation, IX. 208; of Pope Alexander VI.: S. E. Dawson, XVI. 494 †
- States—L'Etat pontifical après le Grand Schisme: J. Guiraud, VIII. 307 †
- Paphlagonian Valley, Asia Minor, XX. 265; *Paphlagonischen Felsengräber*: Kannenberg, V. 280 †
- Papstein, A.: *Führer für den Auswanderer nach Brasilien*, X. 651 †
- Papua: *see* New Guinea
- Papuan subregion of geography of mammals, IV. 44
- Papuans—Collection of Papuan Crania: G. A. Dorsey, XI. 319 †; of New Guinea, XVI. 270

PARAGUAY

- Paquier, L.: *La Roumanie économique*, XX. 351 †
- Para—
- Album do Para: H. Santa Rosa e F. A. Fidanza, XIV. 585 †
- Para rubber, XII. 639
- Quello che ho veduto al: A. Manzi, XIV. 684 †
- Trade Rep., † XII. 436; XVI. 254; XVIII. 112
- Zum Klima von: E. A. Goeldi, XX. 671 †
- Paraguay, XVII. 358
- Bureau of American Republics, Bulletin, VII. 681 †
- Contribución al estudio del Paraguay: S. R. Rodriguez, VIII. 420 †
- Da Trinidad a S. Cruz de la Sierra e Corumbá, etc.: L. Balzan, V. 91 †
- Etymologie des Wortes: R. Endlich, XVI. 254 †
- Exploraciones practicadas en el Alto Paraguay, etc.: E. Bolland, XIX. 110 †
- Frontiers—Diplomacia Paraguayo-Boliviana: J. S. Decoud, XI. 455 †; *Limites entre Bolivia y el Paraguay*: A. Quijarro, XIX. 529 †; H. Polakowsky on, VII. 205; *Questione dei confini tra le repubbliche, etc.*: G. Boggiani, XI. 203 †
- Geografía de la República del Paraguay: H. F. Decoud, VIII. 420 †
- Guayakis of—Neue Mitteilungen über die Guayaki: P. Ehrenreich, XI. 456 †; *Observations nouvelles sur les Indiens guayakis*: R. Lehmann-Nitsche, XV. 300 †; *Weitere Mitteilungen*: Id., XIV. 567 §, 685 †
- Land and people, etc.: E. de Bourgade la Dardye, I. 87 †
- Lengua Indians of the Paraguayan Chaco: S. H. C. Hawtrey, XX. 128 †; *Lenguas-Indianer in Paraguay*: T. Koch, XVII. 94 †
- Misiones de la Compañía de Jesús en: B. Garay, XII. 215 †
- My journey in: P. Jordan, III. 254 †
- Nueva Geografía Universal: E. Reclus, Prólogo, etc.: R. de Olascoaga, VII. 565 †
- Paraguaythee: R. von Fischer-Treuenfeld, XVII. 565 †
- Publicación de datos e informaciones generales sobre el país, VIII. 420 †
- Republic of: A. F. Baillie, VI. 97 †; E. van Bruyssel, I. 569 †
- República del: C. R. Santos, IX. 683 †; XIV. 463 †
- République du Paraguay: C. Romero, XIII. 102 †
- To the Paraguayan Utopia: F. Hastings, XIII. 95 †
- Trade Rep., † XII. 543; XIV. 463; XIV. 372
- Unterlauf des Iyatimi und der Gran

PARAGUAY

Paraguay—*continued.*

- Salto Guayra: L. Jerrmann, XII. 543 †
- Vanished Arcadia, . . . Jesuits of Paraguay: R. B. C. Graham, XIX. 403 †
- Voyage à travers: Machon, IX. 242 †
- Paraguay river, XVII. 392
- Parallaxes in declination, Diagram for determining: S. N. Grant, VII. 649 †
- Parana—Eскурioni nello Stato del: L. D. Tonnessi, XVIII. 336 †; Impresa di Colonizzazione nello Stato del: Id., XIV. 462 †
- river, XII. 392; XVII. 390, 396; regulation of, XIX. 759; Alto Paraná und die Wasserfälle des Rio Yguazú: A. Methfessel, VIII. 420 †
- Parapiti river, Bolivia, XII. 393
- Parana river, Brazil, XIII. 662
- Pare mts., and tribe, E. Africa, IV. 428
- Pargiter, F. E.: Ancient countries in E. India, XI. 312 †; Geography of Rama's exile, III. 530 †
- Paringaux, A.: Les futures voies ferrées des Pyrénées centrales, V. 178 †
- Paris, A.: Atlas Melin, historique et géographique, VI. 592 †; XIV. 127 †
- , C.: De la colonisation agricole en Annam, XII. 324 †
- , Matthew: *see* Matthew Paris
- Paris**—
- Geographical Education in, XX. 9
- Society, Awards, V. 599; VII. 664; XIII. 667; XV. 288; Rapports annuels sur les progrès de la géographie: C. Maunoir, VI. 588 †; welcome of F. Nansen, IX. 568
- Handbooks—Baedeker's, †IV. 374; VIII. 527; XII. 536; XVI. 361; Collection des Guides-Joanne, VIII. 411 †; XVIII. 321 †; Conty's Practical Guide, XIII. 675 †
- Natural History Museum, scheme for instruction of travellers by Professors of, II. 176
- Plan de l'Exposition universelle de 1900: E. Fasquelle, XVI. 262 †; W. & A. K. Johnston, XVI. 135 †
- Région parisienne orientale: O. Barré, XIII. 675 †
- Sol et la croissance de Paris: P. Dupuy, XVI. 484 †
- Structure géologique du bassin de Paris et son hydrographie: G. F. Dollfus, XVII. 206 †
- Pâris, M. Pamiral, Notice sur la vie et les travaux de: E. Guyon, VI. 101 †
- Pariset, G.: L'arbitrage anglo-vénézuélien de Guyane, XVIII. 235 †; Le contesté . . . en Guyane, XII. 214 †
- Parisot, J.: Le chemin de fer de Beyrouth à Damas et Mzerib, XII. 209 †; Mission scientifique en Turquie d'Asie, XV. 193 †
- Park, J.: Discovery of granite rocks in North I. of New Zealand, II. 371

PARSONS

- Parke, T. H.: Guide to health in Africa, etc., II. 379 †; obituary, II. 470
- Parker, E. H.: Burma's supposed "tribute" to China, XII. 430 †; Burmo-Chinese frontier, etc., X. 228 †; China and Pamirs, XI. 195 †; China, her history, diplomacy, and commerce, etc. XVIII. 635 †; Corea, XI. 313 †; Inscriptions de l'Orkhon, XVI. 247 †; Island of Sumatra, XV. 436 †; John Chinaman and a few others, XIX. 105 †; Keng-hung contention and upper Mekong trade, XI. 312 †; Marco Polo's Tangut, XVIII. 549 †; Nepaul and China, XIII. 213 †; Plain account of life, etc., of Confucius, IX. 680 †; Modern Russia, etc., IX. 678 †; Report on Annam, I. 266; Russia's sphere of influence, or a thousand years of Manchuria, XVI. 122 †
- , F. W.: Relation of geography to history, III. 428, 353 †
- , H. W.: Origin of lines of Mars, I. 89 †
- Parkes, Sir H., in China: S. Lane-Poole, XVIII. 343 †
- , J. C. E.: Elementary handbook of geography of Sierra Leone, V. 282 †
- Parkes, Mt., New Guinea, IX. 449
- Parkin, G. R.: Geographical unity of British Empire, IV. 91 †; Great Dominion, Studies of Canada, V. 608 †
- Parkinson, F. B., and Brander Dunbar: Journeys in N. Somaliland, IX. 221; XI. 15*
- , J.: Notes on geology of S. Central Ceylon, XIX. 105 †; some lake basins in Alberta and Br. Columbia, XVIII. 111 †
- Parks, W. A.: Huronian of Moose river basin, XVII. 556 †
- Parliamentary Reports, etc., Catalogue, XVI. 706 †
- Parma—Lage von Parma und ihre Bedeutung im Wechsel der Zeiten: L. Schütte, XIX. 228 †
- Parnahyba river, Brazil, XVII. 357
- Paroisse, G.: Climat de la Guinée française, VIII. 531 †; Plantations dans la Guinée française, IX. 106 †
- Parry, F.: Capabilities of E. Ibea, II. 186 †; Sacred Maya stone of Mexico, I. 470; Sacred symbols and numbers of aboriginal America, IV. 190 †
- , J. W.: Coming railways of India, VI. 295 †
- Parsis of Persia, VII. 28, 171
- Parsoné, E. W.: on cable fractures, X. 266; XIV. 401; obituary, XVIII. 96
- Parsons, C. S.: E. Sudan, XIV. 459 †
- , Hon. J. L., and M. W. Holtze: N. Territory of S. Australia, XIX. 404 †
- , R. C.: Sanitary works of Buenos Ayres, VIII. 419 †
- , W. B.: An American engineer in China, XVIII. 229 †; From Yang-tse

PARTHENON

- Kiang to China Sea, XIX. 711 *; Photographs of China from Hankau to Canton, XIX. 668; XX. 255
- Parthenon, and earthquake of 1894: F. C. Penrose, X. 225 †
- Partidos, Sierras de los, etc.: J. Valentin, VI. 97 †
- Partiot, H. L.: Estuaries, V. 185 †
- Partsch, J.: Ausflug . . . an den Glacial-Ablagerungen des Riesengebirges, XIX. 394 †; Biography of, XIV. 235 †; Geographische Arbeit des 19 Jahrhunderts, XV. 445 †; H. Kiepert (biography), XVII. 682 †; Memel-, Pregel- und Weichselstrom, XIX. 394 †; Regenkarte Schlesiens und der Nachbargebiete, VI. 579 †; researches into glaciation of Reisen-Gebirge, IV. 269; Schlesien, VII. 417 §; Sophus Ruge (biography), XVIII. 343 †; Vergletscherung des Riesengebirges zur Eiszeit, IV. 280 †
- Parwez mt., Persia, IV. 486; Caves and ruins, IV. 498
- Pasanisi, F. M.: Metodo . . . della Geografia, X. 345 †; Popolazione dell' Europa, XVI. 242 †; Razze d'Europa, XVII. 543 †
- Pascoe, C. A. D.: obituary, XI. 558
- Pas-de-Calais, Existe-t-il de la houille dans le? P. Combes, XIII. 319 †
- Pashtukhoff, P.: Ascent of Ararat, V. 381; Journeys in Caucasus, II. 548; V. 378
- Pasley, C. M. S.: S. Plateau of Bolivia and sources of river Pelaya, III. 105 *
- Paso Rivadavia, Argentina, XV. 607
- Pasquier, H.: Les chemins de fer tunisiens, XIX. 234 †
- , L. du; biography: A. Penck, X. 343; Glaciers et période glaciaire, VII. 567 †
- and A. Penck: Alter und Verbreitung des Lösses, VII. 683 †
- Passamaquoddy, All around bay of, A. S. Gatschet, IX. 464 †
- Passarge, S.: Adamawa, VI. 583 †; VII. 272 §; Ausflug zu den Südwestafrikanischen Guanoinseln, XII. 631 †; Besitzergreifung des Hinterlandes von Kamerun, XIV. 337 †; Durch die Karroo nach Kimberley, XVI. 251 †; Expedition des Deutschen Kamerun-Komitees, IV. 577 †; Geologie von Britisch-Bechuana-Land, XVIII. 108 †; German expedition to Adamawa, III. 425; V. 50 * Hydrographie des nördlichen Kalahari-Beckens, XIX. 400 †; journeys in S. Africa, X. 212; XI. 181; XIII. 661; XIV. 310; Laterit und Roterden in Afrika und Indien, VIII. 425 †; Reisen im Ngami-Land, XIV. 228 †; Reiseroute der Expedition des Deutschen Kamerun-Komitees, VII. 451 †; Reisen in Süd-Afrika, XI. 315 †; XIII.

PATAGONIA

- 681 †; Do. in Transvaal, IX. 341 †; Winderosion, XVIII. 555 †
- Passerat, C.: Carte de la répartition des jours de gelée en France, XX. 238 †
- Passi Minyongs, C. Asia, XVII. 656
- Passing of the Empires, 850 B.C. to 330 B.C.: G. Maspero, XVI. 705 †
- Passmore, R. McC.: on Cocos I., X. 73
- Pastaza river, Amazons, XII. 192; XVII. 370; XIX. 316
- Pasteyns, F.: Alaska, XIX. 773 †
- Pastuchoff, M.: see Pashtukhoff
- Patagonia** (see also America, South [Exploration], Argentina, and Chile)—American Expedition to, X. 640
- Andes of: see Steffen, below, and under Andes
- Capalowicz' explorations, III. 144
- Colonizzazione Italiana della Patagonia, P. Gribaudo, XVII. 559 †
- Currents off coast, XIV. 376
- Fossils, etc., V. 482; XIV. 370
- Fra det Indre af Patagonien: N. Schjander, XX. 248 †
- Från Patagoniens Vest-Kust . . . Kordillerans östra sida: P. Dusén, XI. 203 †
- Geographical problems, XX. 416
- Geological features, XIV. 366, 375; Geology of: J. B. Hatcher, XI. 99
- Glacierserscheinungen Südpatagoniens: R. Hauthal, XIII. 566 †
- Glaciers and ice-sheet, XIV. 368
- Gryotherium-Höhle bei Ultima Esperanza: R. Hauthal, XV. 300 †
- Hatcher, J. B.: Explorations, XI. 72; XV. 284; Geographic features of S. Patagonia, XV. 424; XVI. 254 †; XVII. 401 §; Lake systems, XVII. 559 †; Patagonia, XI. 202 †; Sedimentary rocks, XVI. 254 †
- Haustiereigenschaft des Gryotherium domesticum Roth: R. Hauthal, XVII. 559 †
- Idle days in: W. H. Hudson, I. 569
- Indians, XIV. 370
- Journey in S.: A. Mercerat, III. 162 †
- Krüger, P.: Explorations, XIV. 324; Erforschung des Rio Yeleho oder Futaleufu, XIV. 462; Westpatagonien und die Expedition zu seiner Erforschung: IX. 465 †
- Lebermoos-Flora Westpatagoniens und des südlichen Chile: F. Stephani, XIX. 530 †
- Maps—Karte der . . . Grenzregion in Feuerland, X. 561; Original map of Limay district: J. von Siemiradzki, I. 383 †
- Marine deposits, XIV. 369
- Memories of a great lone land: Lady F. Dixie, II. 91 †
- Moreno, F. P.: explorations, XIII. 197; XIV. 241 *, 353 *; Exploraciones en la Patagonia, XVII. 95 †
- Nordenskjöld, O.: Journey in S.W.

PATAGONIA

Patagonia—continued.

- Patagonia, X. 403 *; XI. 99 †; *Natur der Magellansländer*, XI. 99 †
- Origin of name; A. M. Robinson on, XIV. 673
- Pampean formation, XIV. 369
- Patagonien und dessen Bewohner: J. Greger, XIII. 566 †
- Plateaus, XIV. 367
- Siemiradzki's explorations, II. 22; 158 *; Exploration in, I. 569 †
- Steffen, H.: Cordillera of P., and its main rivers; XVI. 14 *, 185 *; XVII. 94 †; Expedicion exploradora del rio Cisnes, XIII. 95 †; Explorations, XIII. 198; 436, 663; XIV. 568; in Patagonian Andes, IX. 465 †; Photographs of do., XV. 563; Reisen in den Patagonischen Anden, XVI. 372 †; Viajes i Estudios en la region hidrográfica del Rio Puelo, XIII. 324 †
- Terrains sédimentaires . . . de la Patagonie Australe: A. Mercerat, XI. 99 †
- Through the heart of: H. H. Prichard, XX. 644 §
- Vaulx, Comte de la: A travers la Patagonie, XII. 215 †; XIV. 585 †; Voyage en Patagonie, XVI. 372 †; XVII. 559 †
- Voyage d'hiver en Patagonie: G. Lecointe, XV. 442 †
- Patagonian subregion of Neotropical region, V. 480
- Patliputra, Discovery of . . . Asoka's Capital: L. A. Waddell, II. 563 †
- Patalung, Siam, XI. 481, 483
- Patani state and valley, Malay Pen., IV. 220, 235
- Patent Laws of all countries, Gleanings from: W. L. Wise, VII. 685 †
- Patents, etc., Practical treatise on: D. Fulton, V. 404 †
- Paterson, J. G.: From Bombay through Babylonia, IX. 574 †
- , S.: In the valley of the Orinoco, XIII. 39 *; In the wilds of Venezuela, XIII. 217 †; Photographs of Venezuela, XIV. 240
- Pathan tribes, XII. 354; XVII. 467; Dictionary of Pathan tribes of N.W. frontier of India, XV. 191 †
- Pati, mt., W. Africa, X. 350
- Patkanov, S.: Die Irtysh-Ostjaken und ihre Volks poesie, XII. 207 †; XVII. 674 †
- Patkoi mts., expeditions across, VII. 202
- Paton, W. R., and J. L. Myres: Karian sites and inscriptions, IX. 104 †; Researches in Karia, IX. 38 *, 337 †
- Patras, Trade Rep., XIV. 111 †
- Patrick, D., and F. H. Groome: Chambers's Biographical Dictionary, XI. 460 †
- Patterdale, VI. 148
- Patterson, G.: Sir W. Alexander and Scottish attempt to colonize Acadia, III. 253 †; Beothiks or Red Indians of

PAWLOWSKI

- Newfoundland, I. 86 †; obituary notice, XIV. 235 †; Sable I., VI. 583 †; (Supplementary notes), XIV. 229 †; Termination of Sir Humphrey Gilbert's expedition, XIV. 235 †
- Patzcuaro, lake, Mexico, VI. 425
- Paucartambo river, Bolivia, XVIII. 152
- Paul, A.: Short view of Greater Britain, VI. 102 †
- , A. W.: Himalayan State of Sikhim, VIII. 650 †; remarks on "Glaciers of Kangehenjunga," XIX. 473
- Paulet I., Antarctic, II. 435; IV. 344; VII. 629, 635
- Pauli, C. F. G.: Erlebnisse . . . des ersten deutschen Ansiedlers in Ponape, XVIII. 458 †
- Pauliny, J. J.: biography, XV. 91 †
- Paulitschke, P.: Albert I. Fürst von Monaco, IV. 90 †; Biography, XVI. 259 †; Charles Gauthiot, XI. 574 †; Dr. Max Schoeller, XIV. 236 †; Ethnographie Nordost-Afrikas, II. 380 †; III. 503 §; VIII. 418 †; Graf E. Wickenburg's Reiserouten . . . etc., XIII. 322 †, 691 †; Lage der Italiener in Abessinien, VII. 442 †; obituary, XV. 186; Reise des Fürsten Comanesti in Somäl-Lande, IX. 105 †; Reise des Grafen E. Wickenburg im Somäl-Lande, XII. 210 †; Sechste internationale geographische Congress zu London, VII. 685 †; Zur Erinnerung an Paulitschke: W. Hein, XVI. 590 †
- Paulsen, A.: Annales de l'Observatoire magnétique de Copenhague, † III. 249; IX. 457; XVIII. 102; Communications préliminaires . . . mission danoise à Utsjoki, XVIII. 460 †; Effet de l'humidité, etc., sur l'aurore boréale, VII. 448 †; Nordlys, XI. 688 †; Observations internationales polaires, 1882-83, Expédition danoise, III. 536 †; observations of aurora, IV. 69; Régime magnétique de l'île de Bornholm, VIII. 527 †
- Paumotu Is., Pacific, XV. 185, 285; Der Name der Paumotu-Inseln: G. Lamprecht, XV. 555 †
- Pausanias's description of Greece: J. G. Frazer, XI. 565 †; XII. 158 §
- Paute river, Amazons, XVII. 370
- Pauwel, M. D. de; explorations between Sanga and Ubangi, XIX. 639
- Pavel: Expedition des Oberstleutnants Pavel (to Lake Chad), XX. 467 †, 541 §
- Pavie, A.: Carte de l'Indo-Chine, V. 189 †; Map of Indo-China, I. 574 †; Mission Pavie Indo-Chine, XIII. 678 †; XV. 80 †; XVI. 248 †, 473 §
- Pawe bank of pearl oysters, Siam, VI. 522
- Pawlowski, A.: Carte-plan de l'île d'Aix, XVIII. 454 †; XIX. 393 †; La Gironde et le Golfe de Gascogne au XVI^e siècle, XIX. 766 †; Nouvelles cartes de Masse, XX. 666 †; Plus anciens hydrographes

PAXOS

- français: G. Garcie, XVIII. 315 §, 460 †
- Paxos—Paxos e Antipaxos nel mare Jonio: A. Martelli, XIX. 522 †; Note geologiche su, Id., XVII. 207 †
- Payart, E.: Découverte du Pôle Nord, VIII. 423 †
- Pa Yen Su, Manchuria, II. 449
- Payer, J. von: Artistic expedition to N. Pole, V. 106*, 488; discovery and exploration of Franz Josef Land, III. 493; IV. 9; VI. 500; Map of Kaiser Franz Josef Fjord (facsimile), XVII. 51; Map of Franz Josef Land, IX. 482; A. M. Brice on, X. 336; R. Copeland on, X. 180*; A. Supan on, XI. 439; letter from Payer on, VII. 105; Nansen and Payer's Karte: Adm. von Brosch, XVI. 109 §, 128 †
- , R.: Naturstudien über das östliche Peru, VII. 217 †; on the Upper Amazon region, II. 267; Originalkarte des Rio Napo und Rio Curaray, IV. 478 †, 583 †
- Payeur-Didelot, M.: Deux ans et demi au continent mystérieux, XIV. 228 †; Trente mois au continent mystérieux, XVI. 488 †
- Payne, E. J.: Beazley's "Dawn of Modern Geography," XIX. 498 §; History of new world called America, I. 86 †; XIII. 456 †; remarks on "Pro-Columbian discovery of America," V. 234; on "S. America; Outline of its physical geography," XVII. 407; on "Voyage of J. Cabot," IX. 619; Voyages of Elizabethan seamen to America, XVII. 217 †
- , F. F.: The seasons, Hudson's Strait, IX. 107 †
- , F. O.: Geographical nature studies, etc., XIII. 688 †
- , J. A.: Table of principal events in Yoruba history, etc., II. 564 †
- Payne, mt. and river, X. 404
- Payne's Lagos and W. African Almanac for 1894, III. 161 †
- Paz, R.: exploration of Madre de Dios, VII. 188; De Riberalta al Inambari, VII. 217 †
- Peach, B. N., and J. Horne: Notes on geology of district around Lochs Chon and Ard, XVII. 287 *
- Peacock, J. A. W.: Light Railways in Egypt, XIX. 399 †
- Peak District, Derbyshire: Caves, X. 507; Scenery and antiquities: J. Leyland, I. 466 †; Thorough Guide Series, XIV. 677 †
- Peake, Major; expedition to White Nile, XV. 234
- , R. E.: Deep-sea deposits collected by, XIX. 691; Results of deep-sea sounding expedition in N. Atlantic, XIX. 781 †; Survey of . . . cable route between Bermuda and Jamaica, XVI. 704 †
- Peal, S. E.: Ausflug nach Banpara, XIV.

PEARY

- 114 †; Communal barracks of primitive races, IV. 470 †; Eastern Nagas of Tirap and Namsik, X. 339 †; Fading histories, IV. 470 †; obituary, X. 333; Theory of lunar surfacing by glaciation, VI. 199 †
- Peale, A. C.: Natural mineral waters of U.S., VII. 114 †
- Pearce, F. B.: Notes on country between lake Chiuta and river Luli, XV. 612*; XVI. 367 †; Rambles in Lion Land, XVI. 370 †
- Pearls—Pearl fisheries, Bahrein, X. 592; W. coast of Siam, VI. 522; Pearl oysters and pearl fisheries: O. Collett, XVII. 328 †; XIX. 408 †; Pearls, their origin and formation: A. Calvert, I. 284 †
- Pearsall, H. D.: Nile reservoirs, VII. 214 †
- Pearse, H.: Soldier and traveller, Memoirs of A. Gardner, XII. 330 †
- , J.: From Fianarantsoa to Masindrano, XI. 569 †
- Pearson, C. H.: National life and character, a forecast, II. 283 †
- , H. J.: Beyond Petsora eastward, XV. 189 †; Expedition to Novaya Zemlya, VI. 286; XI. 334; Photographs of Novaya Zemlya, etc.; XI. 464; of Russian Lapland, Kolguev, and Novaya Zemlya, IX. 352
- , H. W.: Oscillations in sea-level, XVIII. 341 †
- Peary, Mrs.: My Arctic journal, III. 75 †
- Peary, R. E.: Expeditions, I. 361, 543; II. 17, 174, 273, 303, 332, 463; IV. 12, 365, 461; VI. 387, 475; VIII. 74, 179; IX. 96; X. 218, 544; XII. 194, 420; XIII. 7; XIV. 325, 448, 570; XVI. 109; XVII. 80; XVIII. 447, 539; XIX. 96; XX. 6, 434; communication with, XVII. 537
- Arctic work of Peary: C. C. Adams, II. 303 *
- Arktiske problem og de to Peary expeditioner: E. Astrup, VII. 117 †
- Auxiliary expeditions, IV. 178; V. 597; VI. 81; XVIII. 218; of 1894: H. G. Bryant, IV. 531*; VI. 585 †
- Awards to, IX. 224; XI. 661; XII. 87
- Biography, XIII. 688 †
- Cape York Ironstone expedition, V. 488; VI. 99 †; X. 445
- Expedition of: H. L. Bridgman, XVI. 492 †
- Greenland expedition of 1891-92: E. Astrup, II. 566 †
- Journeys in N. Greenland, XI. 213*
- Northward over the great ice, XII. 498 §, 637 †
- N. Greenland Expedition, 1891-92, I. 379 †
- Peary's expedition: G. H. Barton, IX. 466 †

PEARY

Peary—continued.

- Photographs of N.W. Greenland, XII. 223
 Plan for reaching N. Pole, IX. 223
 Preliminary report on Arctic expedition of 1893-4, VI. 199 †
 Remarks on Arctic papers, XI. 370
 Report of operations of N. Greenland expedition of 1891-92, II. 92 †
Windward presented to, XI. 66
 Work in N. Greenland, VIII. 194 †
 Peary Land, Greenland, VIII. 180
 Pease, A. E.: Africa N. of the Equator, VIII. 310 †; Biskra and oases and desert of Zibans, III. 438 †; Some Account of Somaliland, XI. 453 †; Volcanic Crater in N. Somaliland, XI. 138 *
 Peat bogs of Ireland; Johnston on, XX. 523
 Pecan, its culture and commercial value: E. G. Littlejohn, XX. 250 †
 Pech, T.: Drishenkos Erforschung des Baikalsees, XI. 92 †; Kap "Deshnew," bisher "Ostkap," XIII. 214 †; Sannikow-Land im Sibirischen Eismeere, etc., XII. 438 †
 Pechány, A.: Das slovakische Volk in Oberungarn, XX. 120 †
 Pechili—Golf von Petschili, XVI. 576 †
 —, province: *see* Chili
 Pechora Bay and Kara Sea, Gulf of Obi and river Yenesei: H. D. Jenkins, II. 479 †
 — river; width, II. 335; Beyond Petsora eastward: H. J. Pearson, XV. 189 †; Lower Pechora: A. N. Novosiltsoff, XVIII. 633 †; XIX. 369 §
 Pechy, E. von (biography): J. Homolka, XIV. 235 †
 Pector, D.: Considérations sur quelques noms indigènes . . . de l'Isthme Centre-Américain, I. 184 †; Etude économique sur . . . Nicaragua, II. 381 †; Notes sur l'Américanisme, XV. 552 †; Voyages et travaux géographiques au Nicaragua dans le XIX^e siècle, I. 184 †
 Pedroso, Z. C.: Luciano Cordeiro (biography), XIX. 782 †
 Peek, Sir C. E.: obituary, XVIII. 222; Rousdon Observatory; Meteorological observations, † VII. 110; XI. 193; XIV. 677; XV. 190
 Peel, C. V. A.: Collection of insects . . . made in Somaliland, XVI. 370 †; Somaliland, XV. 666 †
 Peel, Miss H.: Polar gleams; voyage on yacht *Blencathra*, IV. 285 †
 Peel river, Canada, XIII. 435
 Pegu, Siam, VI. 543
 Pegwell Bay; sand-wave observations, XVIII. 190
 Peh-shui-chiang, XVI. 532
 Peip, C.: Taschenatlas von Wien, VIII. 427

PENCK

- Peipus lake; Spindler's observations on, VII. 655
 Pei Tuan Lin Zu, Manchuria, II. 449
 Peking: T. Child, V. 280 †
 Histoire et description: A. Favier, XIII. 453 †
 Report on concessions of Peking Syndicate: J. G. H. Glass, XV. 435 †
 Report on journey from Peking to Shanghai: Mayers, XII. 430 †
 Pelagic fossils in Trias, VIII. 403
 Pelagosa, Die Inselgruppe: M. Groller von Mildensee, VII. 326 †
 Pelaya river—Notes on S. Plateau of Bolivia and sources of: C. M. S. Pasley, III. 105 *
 Pelée, Mont: *see under* Martinique
 Pelet, P.: Atlas des Colonies françaises, † XVI. 137, 379, 709; XVII. 330, 687; XVIII. 559; XIX. 247; Un nouvel "Atlas des Colonies françaises," XVI. 376 †
 Pelew Is.—Ueber einen Besuch der Palau-Inseln, XX. 471 †
 Pellati, N.: Carta geologica del Regno, X. 452
 Pelleschi, J.: Los Indios Matacos y su lengua, XI. 318 †
 Peloponnesus, Vegetationskarte des: A. Philippson, VII. 211 †, 426 §; (map), VII. 226 †
 Pelsener, P.; letter on Belgian Antarctic expedition, XIX. 387
 Peltzer, J.: Les Allemands en Afrique, IX. 105 †
 Pema-Koi district, V. 258
 Pemba I.—Insel Pemba und ihre kleinen Nachbarinseln: O. Baumann, XIV. 458 †; O. Baumann's expedition to Pemba and Zanzibar, V. 597; Trade Rep., XVIII. 551 †
 Pembroke earthquakes: C. Davison, X. 119 †
 Pena, C. M. de, and H. Ronstan: Uruguay at World's Columbian Exhibition, III. 440 †
 Pena, D. J. M. S.: El Lago de Ilopango, XX. 470 †
 Penafiel, A.: Estadística General de la República Mexicana, IX. 464 †
 Penang junks, VI. 532
 Penas, Gulf of, Patagonia, XVI. 204
 Penck, A.: Alte und neue Lothungen im Hallstätter See, XVI. 483; Begründung der Lehrkanzel für Geographie und des geographischen Institutes an der Universität Wien, XVI. 706; Bericht der Central-Kommission für wissenschaftliche Landeskunde von Deutschland, IV. 375 †; Bericht über die Exkursion . . . nach Ober-Schwaben und dem Bodensee, IV. 375 †; Biographies —L. du Pasquier, X. 343; Frederick Simony, XIII. 462 †; F. Umlauf, I. 571 †; Construction of map of the world on scale of 1: 1,000,000, I. 253 *;

PENCK

- Eduard Brückner, Die feste Erdrinde und ihre Formen, XVI. 704 †; Eiszeit auf der Balkanhalbinsel, XVII. 84 †; Eiszeiten Australiens, XVII. 308 §, 560 †; Eiszeitforschung in den Alpen, XIX. 648 †; Erdoberfläche, XI. 687 †; XVII. 98 †; Etsch, VII. 109 †; evaporation and drainage in Bohemia, IX. 563; in C. Europe, V. 483; Geographische Lage von Wien, XII. 91 †; Geomorphologie als genetische Wissenschaft, VIII. 424 †; Geomorphologische Probleme aus Nordwest-Schottland, XI. 194 †; Geomorphologische Studien aus der Herzegowina, XVII. 443 †; XX. 428 §; Glaciation of Inn valley, XVII. 187; Gletscherstudien im Sonnblieckgebiete, XI. 307 †; Grosse australische Wallriff, XII. 328 †; on Highlands of Scotland, XI. 163; Illeillewaetgletscher, XIV. 119 †; XV. 84 †; Lecture on the Alps, XX. 650; Morphologie der Erdoberfläche, V. 184, 575 §; (Einige Bemerkungen zu): F. Löwl, V. 396 †; Morphometrie des Bodensees, III. 529 †; Morphometry of Alpine lakes, IV. 265; Oberlircher's Glockner-relief, XII. 321 †; Observations made on tour in Canada, XV. 84 †; Picos de Europa, etc., X. 226; Pole der Landoberfläche, XIV. 98 §, 233 †; Potamology as branch of physical geography, X. 619 †; XI. 458 †; Prehistoric man and glacial epoch in the Alps, XX. 534; Pyrenäen-Halbinsel, Reisebilder, IV. 375 †; Reisebeobachtungen aus Canada, XIII. 456 †; State of geographical instruction in secondary schools, II. 164; Studien über das Klima Spaniens während der jüngeren Tertiärperiode, IV. 186 †; Thalgeschichte der obersten Donau, XVII. 84 †; Tiefen des Hallstätter- und Gmundenersees, XVII. 83 †; Ueber die Herstellung einer Erdkarte im Massstab 1:1,000,000, XIX. 405 †; Uebertiefung der Alpen-Thäler, XIX. 391 †; Vernagtferner, XVI. 694 †
- Penck, A., and E. Brückner: Die Alpen im Eiszeitalter, XIX. 391 †; XX. 119 †
- , and Leibbrand: Ueber die einheitliche Pflege der Hydrographie der Verbandsländer, XIII. 426 †
- , and E. Richter: Atlas der österreichischer Alpenseen, VI. 201 †; IX. 117 †
- Pendulum observations—**
Correction topographique des observations pendulaires: J. Collet, XVII. 97 †, 214 †
Horizontal, VII. 252; Horizontalpendel-Beobachtungen: Rebeur-Paschwitz, VII. 219 †
Measurements by Russians, V. 489
Observations by A. J. Vilkitsky in Siberia, IX. 567
— in America, VIII. 406;

PENNSYLVANIA

- Pendulum observations—continued.**
Ger. E. Africa: see Africa, German East; in Spitsbergen, XIII. 419
Pendulmaalingen i Kjöbenhavn, etc.: Zachariae, X. 450 †
Relative Schwerebestimmungen durch Pendelbeobachtungen, VI. 199 †; XI. 321 †
Zur Geschichte der Pendelbeobachtungen: Neumayer, XI. 320 †
- Peneplain, The: W. M. Davis, XIV. 344 †; La Pénéplaine: W. M. Davis, XV. 89 †
- Penfield, F. C.: Present-day Egypt, XV. 82 †
—, S. L.: Stereographic projection and its possibilities, XVII. 562 †; XX. 471 †; Use of do., XX. 363 †
- Penguin, H.M. Surveying-ship, on Macclesfield Bank, V. 74
- Penguins of Antaretic, VII. 518
- Peninsulas, Southern tendency of, VI. 545; XV. 46
- Penitentes, Andes, XII. 481
- Pen-jen race, Shan States, XV. 487
- Penn, A. S.: Arctic Pilot, vol. i., XIII. 218 †
- Pennant Stone, XVII. 672
- Pennefather, G., Narrative of explorations of: A. J. Boyd, IX. 243 †
—, T. W.: Handbook for travellers in New Zealand, etc., III. 75
- Pennell, E. R.: Tantallon Castle; story of castle and ship, IX. 117 †
—, J.: In Andalusia with a bicycle, XII. 94 †
- Pennesi, G.: Atlante Scolastico per la Geografia Fisica e Politica, †II. 574; IV. 583; IX. 692; XII. 550; Cascata delle Marmore, III. 529 †; Pietro Martire d'Anghiera e le sue relazioni, etc., V. 403 †; Tunisi e il suo nuovo porto, II. 279 †
- Penny, S. M.: Handbook for travellers in Scotland, XV. 78 †
- Pennine Chain; magnetic ridge-line of, XI. 527; origin, VII. 604
- Penning, W. H.: Stanford's map of Transvaal goldfields, II. 95 †
—, and A. Jukes-Browne: Text book of field geology, IV. 88 †
- Pennsylvania—**
Ancient volcanic rocks of South Mt.: F. Bascom, XII. 214 †
Cambrian rocks of: C. D. Walcott, VIII. 653 †
Forests of: J. T. Rothrock, IV. 283 †
Mountain structures of: A. P. Chittenden, XI. 99 †
Notes on geology of S.E.: T. D. Rand, XVII. 557 †
Pennsylvanian forest: J. F. Rothrock, VII. 216 †
Railway, XIII. 523
Southern ice limit in: E. H. Williams, V. 609 †

PENNY

- Penny, S.: Concise navigating directions for river Thames, etc., VIII. 415 †
- Pennycuick, J.: Diversion of the Periyar, VI. 566; X. 339 †
- Penrose, F. C.: Orientation of Greek Temples, XV. 189 †; Parthenon and earthquake of 1894, X. 225 †
- Pensa, H.: Chemins de fer de l'Indo-Chine, XIII. 678 †; Egypte au point de vue économique, etc., IX. 340 †; France au Bahr-el-Ghazal, XIII. 92 †
- Penton, E.: Journey from Quetta to Meshed, etc., XX. 80*; New trade route to Persia by Nushki and Sistán, XIX. 525 †
- Penza à Minoussinsk, De: Baron de Baye, XII. 630 †
- Penzler, J.: Ritters geographisch-statistischen Lexikon, VII. 684 †; IX. 348 †
- Pepper, E.: Eucalyptus in Algeria and Tunisia, VIII. 530 †
- Peragallo, P.: Distinta Personalità di G. da Verrazzano e di G. Florin, XVI. 259 †; Disquisizioni Colombine, VI. 397 †; Identità di Giovanni Verrazzano, XI. 207 †; La favola di Alonso Sanchez precursore di C. Colombo, VIII. 426 †; Leone Pancaldo, VI. 396 †

Perak—

- Alluvial tin prospecting: L. Wray, V. 405 †
- Cave-dwellers of, etc.: L. Wray, XII. 97 †
- Handbook and Civil List, 1893, I. 565 †
- Map of: A. Young, XX. 678 †
- Museum Notes: Experimental culture of silkworms, etc.: L. Wray, V. 401 †; Rubber and Ramie cultivation in, etc.: L. Wray, A. B. Stephens, and R. Derry, XII. 432 †
- Report on: W. H. Treacher, XI. 452 †; XV. 81 †; Do.: J. P. Rodger, XIII. 213 †; Do.: R. S. F. Walker, XIX. 105 †
- Tin mines, etc., of: L. Wray, V. 18 †
- Peralta, M. de: Réplique à l'exposé . . . de la question de limites entre Costa Rica et Colombia, XVII. 94 †
- Perani, height and position, IV. 436
- Perceval, Sir W. B.: New Zealand, I. 378 †; remarks on "First crossing of S. Alps of New Zealand," VII. 500
- Percy, Earl: Highlands of Asiatic Turkey, XVIII. 231 †, 609 §; Notes from a diary in Asiatic Turkey, XIII. 321 †; remarks on "Central Kurdistan," XVIII. 141; Turkish Kurdistan, XX. 556 †
- Peredolsky, V. S.: Stone-age inhabitants of shores of Lake Stonen, etc., III. 158 †
- Pereira, D. P., Portuguese historian, IX. 194, 199
- , G.: As ilhas de Dyve; Descrição anonyma de seculo xvi., XVIII. 106 †; De Lisboa a Cochim em 1505, XVIII. 106 †; Diogo Gomes—Relações

PERNTER

- do descubrimento da Guiné, etc., XVIII. 111 †
- Pereria, J. E.: A Industria agraria, VII. 109 †
- , J. M. E.: Elementos do logographia industrial, XVI. 573 †; Miscellanea historica, VIII. 648 †
- , P. A.: grant of territory in Sierra Leone to, IX. 559
- do Nascimento, J.: Grammatica do Umbundu ou Lingua de Benguela, III. 531 †
- Pereyaslawzewa, S.: Turbellariés de la Mer Noire, I. 562 †
- Perez, A. G.: Independence of Cuba, XIV. 230 †
- Pergai river, Malay Pen., IX. 33
- Pergusa, Il lago di: O. Marinelli, IX. 574 †
- Pericharaxis, ancient town of, IX. 275
- Périé, A.: Projet de carte de l'Algérie et de la Tunisie, VIII. 530 †
- Perigeaux Museum, Inscriptions antiques: E. Espérandieu, III. 69 †
- Péril jaune, Le: M. d'Estrey, VIII. 426 †
- Perim I., Geology of: C. A. Raisin, XX. 243 †; Perim and its relations to area of Red Sea: Id., XX. 243 †
- Périn, G.: Rapport sur la mission Foureaux-Lamy, XV. 82 †
- Perini, R.: Il concetto dell'unità etiopica, XVIII. 108 †
- Periodicals—Indices, VII. 223 †; X. 343 †; relating to Geography, XI. 689; Scientific and Technical, Catalogue: H. C. Bolton, XII. 641 †
- Periodicity of good and bad seasons: H. C. Russell, X. 124 †
- Periplus, Early history of charts and sailing directions: A. E. Nordenskiöld, XI. 579 †; Nordenskiöld's Periplus: C. R. Beazley, XII. 373; S. Ruge, XVII. 217 †; F. R. von Wieser, XIV. 689 †; Periplus, traduit par J. Mertens, XIII. 461 †
- Periyar, river, Diversion of, VI. 566; VIII. 10; Do.: J. Pennycuick, X. 339 †; Periyar Tunnel: P. R. Allen, X. 339 †
- Perkins, Hon. G. C.: California, IX. 241 †; Civil Government of Alaska, XII. 100 †
- , H. J.: Journey to Cuyuni gold-mining district, III. 74 †
- , H. T.: Notes on Br. Guiana, VI. 98 †
- , J.: Tour round the globe, I. 381 †
- Perlewitz, P.: Isothermen des Deutschen Reichs, XX. 239 †
- Pern region: D. Smishlyær, III. 158 †
- Pernambuco, Trade Rep., XIV. 462 †; XVIII. 336 †
- Pernter, J.: Daily afternoon minimum of wind-force, III. 146; Director of Vienna College of Meteorology, X. 332; Erfolge

PÉROCHE

- des Wetterschiessens in Italien, XVIII. 632 †; Häufigkeit . . . des Föhns in Innsbruck, IX. 112 †; Luftdruckvertheilung und Gradienten bei Föhn, X. 653 †
- Péroche, M. J.: Les abords du pôle, XX. 673 †
- Perowne, J. T. W.: Russian hosts and English guests in C. Asia, XIII. 214 †
- Perroz, Col.: Journey in Cent. Sudan, XIX. 218 †; Au Niger, Récits de Campagnes, 1891-2, V. 607 †
- Perreau, Capt.: Grand Saint-Bernard et Napoléon, XVIII. 453 †
- Perregaux, E.: Fétichisme, XIV. 235 †; Le lac Obosomtwe, XIV. 117 †
- Perrenoud, A.: Chemin de fer de Tientsin à Pékin, XI. 311 †
- Perrier, Gen.: measurements of an arc of meridian, I. 72
- Perrin, A.: Les écritures en topographie XI. 687 †
- Perrin, inscriptions at, VIII. 322
- Perrine, C. D.: Earthquakes in California, † VIII. 532; XI. 317; XVI. 490
- Perron, C.: Reliefs . . . et relief au 1: 100,000 de la Suisse, XVI. 703 †
- Perrone, E.: Piena del Tevere del dicembre 1900, XVII. 545 †
- Perrot, B.: explorations of ruins in Ger. E. Africa, XVI. 561
- Perrot's position of Harmanjik, IX. 266
- Perrott, C. H.: Finland; an English journal, etc., XIV. 455 †
- Perry, E. W.: Honduras, II. 281 †
- , F.: Muruts and Murutland, XI. 452 †
- , J. H.: Physical geography in high schools, XIII. 688 †; Physical geography of Worcester in Massachusetts, XII. 435 †
- Persi, hermit's cell at, IX. 259
- Persia**—deserts, X. 570; dryness, X. 569; mountain system, IV. 482; Northern (summer resort), VI. 280; (trade), VI. 567; railway mileage, II. 70; scenery and flowers, beauty, VIII. 507; salt deserts, VII. 165; trade, IV. 271; (British), IV. 504; trade routes, XX. 102; unexplored areas, II. 490
- Aéropole de Suse: M. Dieulafoy, I. 182 †, 437 §
- Bahnbauten in Persien: L. Kersten, XX. 124 †
- Boundary, IX. 393; Perso-Baluch boundary: Sir T. H. Holdich, IX. 416 *
- Cities of Irân as described in . . . treatise of Shatrôihai-i-Irân: J. J. Modi, XVI. 578 †
- of Kirman in the time of Hamd-Allah Mustawfi and Marco Polo: G. Le Strange, XVIII. 231 †

PERSIA

Persia—continued.

- Coming struggle for: R. P. Lobb, XIV. 680 †
- Demavend nach eigener Beobachtung: S. Hedlin, I. 84 †
- Description of Persia and Mesopotamia in 1340: G. Le Strange, XIX. 769 †
- Die durch Nivellierung des Rescht-Teheraner Wegs erhaltenen Höhen: A. F. Stahl, XX. 556 †
- Eastern Persian Irak: Sir A. Houtum-Schindler, IX. 339 †
- Economist's notes on: J. Rabino, XVIII. 549 †
- English enterprize in: F. E. Crow, IX. 237 †
- Geological sketch of Baluchistan desert and part of E. Persia: E. Vredenburg, XIX. 395 †, 632 §
- Geologie von Persien: A. F. Stahl, XI. 91 †
- Great Persian war: G. B. Grundy, XIX. 227 †, 360 §
- Maps—Geologische-Karte des nördlichen Persien: A. Stahl, X. 659; Herodotus', VIII. 620; Map in Persian character, XII. 644 †; Politisch-militärische Karte von Afghanistan, Persia, etc.: P. Langhans, XIX. 114 †
- Marco Polo's Canadi: A. Houtum-Schindler, XI. 452 †
- itinerary through: P. M. Sykes on, XVI. 472
- New Trade Route to Persia by Nushki and Sistân: E. Penton, XIX. 525 †
- Perse: E. Reclus, XIV. 225 †, 335 †
- , sa situation intérieure: A. P. Tuillier, XVIII. 107 †
- Persia: Sir L. Griffin, XVI. 248 †
- and her neighbours: Sir F. J. Goldsmid, VIII. 92 †; IX. 576 †
- by a Persian: I. Adams, XIX. 769 †
- Persien, folk och stat: A. Falk, XV. 664 †
- und seine Beziehungen zu den Nachbarländern: A. F. Stahl, XVII. 209 †
- Perzië: A. P. Hotz, XV. 295 †
- Photographs: H. L. Churchill, X. 564; A. P. Hotz, IV. 192; P. M. Sykes, XIX. 248; Photogravures: F. Sarre, XIV. 472
- Problem of the Middle East: Sir T. Gordon, XVI. 123 †
- Rawlinson, Sir H., work in, V. 493
- Salt deposits in Persia and their relation to the sea: K. Natterer's researches, VI. 472
- deserts of: F. Buhse, I. 84 †
- Soil of S. Persia and its influence on the people: F. Houssay, III. 531 †
- Strategic relations of Persia to British

PERSIA

Persia—continued.

- interests: Sir R. Temple, XIV. 581 †
 Struggle for Persia: D. Stuart, XX. 556 †
 Subjects of the Shah: C. H. Stileman, XIX. 769 †
 Surveys in: A. Stahl, X. 325
 Telegraphs and trade routes in: H. L. Wells, IV. 86 †
 Trade routes: A. Hotz, XIII. 678 †; XIV. 91 §
 Wie man in Persien reist: W. Schulz-Baumgärtner, XVII. 209 †
- Travel—
 A travers la Perse: Mme. Dieulafoy, VIII. 530 †
 Across Elburz mts. to Caspian Sea: H. L. Wells, XI. 452 †
 Apuntes de un Viaje en Persia: A. Finn, XIX. 231 †
 Ardebil nach Zenschan im nordwestlichen Persien: F. Sarre, XV. 81 †
 Autumn tour in W. Persia: E. R. Durand, XX. 556 †
 Caravan routes and road-making in: H. L. Wells, XIII. 213 †
 Four months in, and visit to Trans-Caspian: C. E. Biddulph, II. 90 †
 Genom Khorasan och Turkestan: S. Hedin, XI. 196 †; Genom Persien, Mesopotamien och Kaukasien: Id., XI. 196 †
 Journey in Persia and Persian Baluchistan: P. A. Rittikh, XX. 353 †
 Journey in Persian Kurdistan: W. B. Harris, VI. 453 *
 ——— from Quetta to Meshed: Earl of Ronaldshay, XX. 70 *; E. Penton, XX. 80 *
 Journey in (1890–1): H. B. Vaughan, VII. 24 *, 163 *
 Konung Oscars Beskickning till Schahen af Persien: S. Hedin, XI. 196 †
 Mazenderan: F. Sarre, XX. 243 †
 Mission scientifique en Perse: J. de Morgan, V. 88 †; VI. 177 §; VII. 112 †, 331 †; VIII. 474 †; IX. 237 †; XI. 452 †; Account of Journey in Kurdistan and Persia: Id., II. 473 †
 Persia re-visited: Sir T. E. Gordon, VIII. 417 †
 Reise nach Mesched: G. Minkevitch, IX. 339 †
 Reisen in Nord- und Zentral-Persien: A. F. Stahl, VIII. 651 †
 Remarks on journey to Persia: N. Zarudnyi, XII. 629 †
 Sport and politics under an Eastern sky: Earl of Ronaldshay, XX. 555 †
 Sykes, P. M.; journeys, XIII. 656; Fourth journey in, 1897–1901, XIX.

PERU

Persia—continued.

- 121 *; Recent journeys, X. 568 *; XI. 452 †; Ten thousand miles in Persia, XX. 92 §, 243 †
 Through Persia and Lower Caucasia: E. Ashley, XII. 629 †
 ——— on a side-saddle: E. C. Sykes, XII. 97 †
 Upper Elam and Bakhtiari mts.: H. A. Sawyer, IV. 481 *
 Voyage en Perse: Grillières, XVIII. 326 †
 ——— orientale: N. Zarudnyi, XIX. 752 §, 769 †
 Wanderings in Persian Kurdistan: W. B. Harris, VI. 582 †
 Western Glacis of India: F. O. Wyatt, XVIII. 326 †
 Year among the Persians: E. G. Browne, III. 346
- Persian Gulf—
 Ancient Trading Centres: A. W. Stiffe, VI. 166 *; VII. 644 *; IX. 309 *; X. 608 *; XIII. 294 *; XVI. 211 *; XVIII. 291 *
 Dutch settlement in, XII. 181
 Fresh-water springs in, XIV. 409
 Golfe Persique, route de l'Inde et de la Chine: Baron A. d'Avril, XVII. 551 †
 History and legends of, XIX. 121
 Marks, S., Reisen am Persischen Meerbusen: N. von Seidlitz, XII. 629 †
 Overland journey to Maskat from: P. Cox, XX. 452
 Past and present connection of England with: T. J. Bennett, XX. 353 †
 Persian Gulf: H. F. B. Lynch, XX. 467 †
 ——— Notes, Kharag I.: A. W. Stiffe, XII. 179 *
 Persische Meerbusen: S. Genthe, XI. 91 †, 452 †, 546 §
 Trade Rep., XV. 296 †; XVI. 578 †, 682 §; XIX. 525 †; XX. 353 †
 Perspecteur, appareil inventé par C. von Ziegler, XV. 302 †
 Pertag, Asia Mi., XX. 184
 Perthes' Deutscher Marine-Atlas: P. Langhans, XII. 643 †; See-Atlas, entworfen und bearbeitet von H. Habenicht, V. 96 †
 Perthshire—Flora of: F. B. W. White, XII. 205 †; Lochs of, Sir J. Murray's survey, XIX. 369; Society of Natural Science, papers on Tay Basin, VI. 470
- Peru—
 Amazonian territory, IX. 447; Amazonian Provinces of C.: A. Ross, III. 440 †
 Ancient Peruvian Art: A. Baessler, XX. 531 §
 Andes of: see Andes
 Anthropology of, Bibliography: G. A. Dorsey, XII. 543 †

PERU

Peru—continued.

- Bandelier's researches in Peru and Bolivia: F. W. Hodge, XI. 318 †
 Beobachtungen und Studien über das Land und seine Bewohner: E. W. Middendorf, † III. 254; IV. 580; VII. 335
 Biblioteca Peruana, VII. 570 †; XI. 100 †
 Bureau of American Republics, Bulletin, VII. 335 †
 Cañcho y la Shiringa: M. P. Samudio, XX. 360 †
 Chimúfolket og dets gamle Kultur: Y. Nielsen, XVII. 559 †
 Climatic contrasts along Oroya railway: R. de C. Ward, XI. 456 †
 Coast desert of: A. F. Sears, VII. 217, 445 †
 Colonización del Norte del: A. de Montferrier, XIII. 683 †
 Communication, interoceanic, XIX. 315: *see* Railways, and Rivers, *below*
 Contra-corriente "El-Niño" en la costa norte del Perú: F. A. Pezet, IX. 467 †
 Cuestión de límites entre Peru y Bolivia: J. Zarco, XI. 318 †
 Descripción del: T. Haénke, XIX. 403 †
 — y análisis de las aguas de Yura: T. Haénke, XV. 669 †
 Diccionario Oriental del Peru: C. Osambela, XIV. 585 †
 Ensayos sobre la geología del Perú: J. Balta, XVIII. 235 †
 Estudio de Geografía . . . de Tarma: D. A. Carranza, IX. 242 †
 Etnografía y Lingüística: E. Delgado, XI. 100 †
 General arbitration treaty between Bolivia and, XX. 469 †
 Geografía física: Raimondi, XIII. 95 †
 Geographical and statistical synopsis, † XIV. 341; XVI. 491; XVII. 559
 — aspects of Inca civilization: Sir C. Markham, XX. 248 †
 Geología . . . del sud del Peru: D. Forbes, XVII. 679 †
 Guía ilustrada de Lima, el Callao, etc.: C. B. Cisneros y R. E. García, XVII. 324 †
 Hidrografía Peruana: C. Osambela, IX. 242 †
 History of Latin-American Republics: Sir C. R. Markham, I. 471 †
 Indios Uros del Peru y Bolivia: J. T. Polo, XIX. 776 †
 Informe sobre demarcación por departamentos, XV. 85 †
 Irrigaciones de la Costa: F. Moreno, XVII. 325 †; XIX. 403 †
 Kautschuk und Gold im peruanisch-

PERU

Peru—continued.

- bolivianischen Grenzgebiet: C. Nusser-Asport, XI. 202 †
 Liquidation of war on Pacific: R. Salas-Edwards, XVII. 453 †
 Maps—Mapa del Peru: A. Raimondi, † VII. 121; IX. 119, 691; X. 561; XVI. 263; XX. 568; A. F. J. M. Viellerobe, X. 660 †
 Medal presented to Sir C. R. Markham by Government, II. 546
 Montañas de Ayacucho, etc.: D. P. Portillo, XIX. 403 †
 Naturstudien über das ostliche Peru: R. Payer, VII. 217 †
 Nouvelle mesure d'un arc de méridien: Bourgeois, XIV. 685 †: *see* Ecuador
 Ojos de Imaymanay el Señor de la Ventana: S. A. Lafone Quevedo, XVII. 453 †
 Peru: Sir C. R. Markham, III. 534 †
 — en Europa: C. B. Cisneros and R. E. García, XVI. 491 †
 —, its present financial, commercial, and political conditions: A. B. Reader, XVIII. 336 †
 Piedra de Chavin: J. T. Polo, XVII. 95 †
 Question of the Pacific (between Peru and Chile): V. Maurtua and F. A. Pezet, XIX. 776 †
 Railways—Chemin de fer transandin du Pérou: H. Molinié, XVII. 559 †; Ferrocarril de Paita al Marañon, XX. 248 †; Proyecto de Ferrocarril, etc., IX. 683 †; Via Central del Peru: J. Capelo, VIII. 420 †; Via interoceanica central del Peru: J. B. Figueroa, XIII. 325 †
 Relaciones geográficas de Indias, Perú, XII. 543 †
 Revisión del arco meridiano del Perú: P. Clément, XIX. 776 †
 Rivers—Navigability of eastern rivers: M. Carvajal, IX. 343 †; Navegabilidad de los rios orientales del Perú: M. Carvajal, IX. 579 †; Submarine river escape on coast, XIV. 398
 Sumersión y levantamiento de la costa del Perú: R. R. y Basadre IX. 465 †
 Trade and finances (F. O. Rep.), † XII. 543; XIV. 585; XVIII. 644; XX. 470
 Ultimos dias coloniales en el Alto-Peru: G. René-Moreno, XIII. 683 †
 Zona mineral de Ananea-Poto: A. Hilfsker, XV. 85 †
 Explorations, X. 443
 Amazonas, Wanderbilder aus Peru, etc.: D. von Schütz-Holzhausen, VII. 335 †
 Among Campa Indians: D. R. Urquhart, II. 281 †

PERU

Peru—continued.

- Apuntes de Viage del G. Sala, XIX. 403 †
 Baraillier's journeys, II. 171
 Expedicion del J. M. Pando al Inambari, XII. 544 †
 ——— Viellerobe vom Ucayali zum Inambari: C. Nusser-Asport, XVIII. 113 †
 Exploration of the Amazonian provinces: A. Ross, III. 440 †
 Itinéraire du voyage de Callao à Iquitos: F. A. Georgette, XVII. 95 †
 Itinerario de Huancayo à Lunahuaná: N. A. Raetz, XX. 248 †
 Peruvian expedition to Madre de Dios, VII. 189
 Raimondi: Itinerario de los viajes del, en el Perú, †IX. 242, 683; XI. XIII. 683; XIV. 585; XV. 85, 670; XIX. 776; Labor de Raimondi: J. Batta, XV. 669 †
 Travelling impressions in: F. Seebee, XIX. 236 †
 Vom Amazonenstrom nach der peruanischen Westküste: G. Hubner, V. 285 †
 Perviniquière, L.: La Tunisie centrale, XVII. 323 †
 Pescadores point, cable fractures off, X. 266; Submarine river escapes off, XIV. 400, 401
 Pesce, G. L.: Au pôle nord en bateau sous-marin, IX. 110 †; La navigation aérhydrique, X. 343 †
 Peschel, O.: geographical work of, VI. 372
 Pessanha, J. L.: Carta do territorio do Aricary, XX. 475 †
 Pest: see Budapest
 Pestalozza, G.: Africa Orientale Tedesca, XIV. 118 †; Somalia Italiana, XIX. 656 †
 Pestalozzi, ship: see *Nereus*
 Pe-t'eo-shan, China, X. 31
 Peter, B.: W. Reiss and A. Stübel, Reisen in Sud-Amerika: Astronomische Ortsbestimmungen, III. 254 †
 ——— J.: Im Quellgebiete der Moldau, IV. 83 †
 Peter Botte, Mt., Queensland: Ascent of: D. le Souef, IX. 458 †; XIII. 218 †
 Peter Martyr: see Anghiera
 Peter the Great Bay, Marine fauna of: M. Schmidt on, XVIII. 213
 Peterborough, Roman Sites at, X. 516
 Petermann, R. E.: Gletscher und Firnmeere, XVI. 257 †
 Petermann Land, IV. 141; IX. 481
 ——— Spitze, Greenland, XVII. 62
 Petermanns Mitteilungen, Inhaltsverzeichnis, XI. 461 †
 Peters, C.: Aequatorial- und Süd-Afrika nach einer Darstellung von 1719, VII. 902 §, 214 †; Deutsch-Ostafrikanische

PETTERSSON

- Schutzgebiet, VI. 488 †; Eldorado of the ancients, XX. 529 §; Lecture on future of Africa, X. 228 †; Macombe's country, XVI. 369 †; Ophir and Punt in S. Africa, XIX. 773 †; Organization der Afrikanischen Arbeit, XVIII. 639 †
 Peters, J. P.: Nippur, or Explorations . . . on the Euphrates, XI. 92 †
 Peters and Brooks; expedition to Alaska, XIV. 322
 Petersen, J.: Bewegungsrichtungen des diluvialen Indolais, XIV. 123 †; XVI. 493 †; Erforschung des Dirk Geritzs-Archipel, VII. 447 †; Reisen des Jason und der Hertha in das Antarktische Meer, 1893-4, VI. 99 †
 ———, R.: Ansiedelung deutscher Landleute in der Nordmark, XI. 565 †
 Petherick, E. A.: Australia in 1897 . . . XII. 437 †; Australian Colonies in 1896, IX. 465 †; bibliography of Australasia, XI. 437; Catalogue of Books relating to Australasia, etc., XII. 101 †; Edwards's Australasian Catalogue, XIV. 231 †; Torch and Colonial Book-Circular, VII. 223 †
 Petitfu, altitude, X. 395
 Petit, E.: Organisation des Colonies françaises, etc., IV. 473 †
 ———, M.: Les Colonies françaises, Petite Encyclopédie coloniale, XX. 124 †
 Petitot, E.: De Carlton House au Fort Pitt, XIV. 119 †; Du lac de l'Isle-à-la-Crosse au Fort Carlton, X. 341 †; Du Territoire d'Alberta à l'Etat d'Iowa, XVI. 371 †; Exploration . . . au nord du Fort Good Hope en 1878, II. 380 †
 Petitsickapan lake, Labrador, V. 530
 Petkovšek, J.: Bergstadt Idria in Krain, X. 117 †; Laibacher Moor in Krain, IX. 103 †
 Petra, Journey to: G. Hill, IX. 679 †; Visit to Kerak and Petra: C. A. Horstein, XII. 209 †
 Petrie, F.: Relations of Egypt and early Europe, XI. 207 †
 Petroff; expedition in Siberia, VII. 94
 Petrohue river, Patagonia, XVI. 32
 Petroleum—in Persia, VIII. 477; Mesopotamian petroleum field: F. R. Maunsell, IX. 528 *; Pétrole et de sa distribution géographique: A. Mengeot, IX. 348 †
 Petropolis, Jubileu de: H. Raffard, IX. 464 †
 Petrovski lakes of Korchev district: P. A. Belski, XX. 121 †
 Pettersen, K.; map of King Charles Land, XIV. 72
 Pettersson, O.: Climate, X. 305; Einfluss der Eisschmelzung auf die Oceanische Circulation, XVI. 130 †; Hydrographischen und meteorologischen Phänomenen, IX. 112 †; Hydrographischen Untersuchungen des Nordatlantischen

PETERSSON

- Oceans, XVI. 258 †; Influence of surface waters of N. Atlantic, etc., XI. 611 †; Om Atlantiska oceanens inflytande, etc., XII. 329 †; XIII. 328 †; Om drifisen i Norra Atlanten, XVII. 454 †; Physical observations in Skagerack, II. 363; Physical survey of N. Atlantic, XI. 185; Researches in North Sea and Baltic, I. 554; Resultaten af den Undersökningen af norra Europas djupa sjöar, XX. 552 †; Salzbestimmung im Meerwasser durch Titrirung, XVII. 216 †; Surveys in North Sea, VII. 256; Swedish Hydrographic research in Baltic and North Seas, IV. 382 †; V. 184 †; Systematische hydrographisch-biologische Erforschung der Meere, ... Europas, XIX. 392 †; Temperature of surface of sea, VIII. 361; Wasserzirkulation im Nordatlantischen Ozean, XVI. 257 †; Zur Methodik der hydrographischen Forschung, XIII. 98 †; XIV. 185 §
- Pettersson, and G. Ekman: Grunddragen af Skageracks och Kattegats, III. 164 †; Hydrografiska ... Nordsjöns och Östersjöns, XI. 573 †; XII. 216 †; Hydrographischen Verhältnisse ... des nördlichen Nördmeeres, XII. 217 †; Svenska hydrografiska undersökningarna åren 1896-99, XVII. 216 †; Ytvattnets tillstånd i Nordsjön och Skagerack, IX. 245 †
- and F. Nansen: Pettersson-Nansen insulating water-bottle: H. R. Mill, XVI. 469 *
- and H. Ostergren: Vattenprof tagna under "1900 års svenska Zoologiska polar expedition," XVII. 326 †
- Pettipice, T. W.: Intermediate school geography, XVI. 706 †; Irish school geography, XVI. 706 †
- Petuna: see Hsin Cheng
- Petworth, Sussex, XV. 372
- Peucker, K.: Atlas für Handelsschulen, IX. 472 †; Bergschatten, XI. 573 †; Construction of a School Atlas, II. 164; Discovery of Map by Columbus, III. 44 †; Cvijić on structure of Balkan Pen., XIX. 735; Drei Thesen zum Ausbau der theoretischen Kartographie, XX. 563 †; Europäische Seen nach Meereshöhe Grösse und Tiefe, IX. 103 †; Morphometrie der Koppenteiche, IX. 103 †; on geographical research in C. European states, IV. 171; on hydrography of Aegean Sea, III. 510; Regulation of Iron Gates VIII. 603 †; F. Simony (Biography), IX. 584 †; Studien am Atlante Scolastico ... di G. Pennesi, XVII. 562 †; Ueber Gelandendarstellung auf Schul-Karten, III. 164 †; Unsere Antipoden, VI. 394 †; Zur kartographischen Darstellung der dritten Dimension, XVII. 562 †
- Pentinger Table, VIII. 610; Table de Pentinger: Guyot, XIV. 235 †
- Pevtsof: see Pyevtsoff

PHILIP

- Peyerimhoff, H. de: L'affaire de Koueit, XIX. 231 †; Le chemin de fer de Bagdad, XVIII. 327 †
- Peyre, J. de la: Catastrophe de la Martinique, XX. 360 †
- Pezet, F. A.: Contra-corriente "El Nino" en la Costa del Perú, IX. 467 †
- Pezzi, D. R.: Presidios menores de Africa y la Influencia Española en El Rif, III. 347 †
- Pfaundler, L.: Erdbeben-Registrator, etc., XIII. 219 †
- Pfeil, Count J. von: Beitrag zur Frage der Verbrecherdeportation nach deutschen Kolonien, X. 556 †; Duk Duk and other customs ... of Melanesians, XI. 203 †; Journey in German S.W. Africa, II. 20; New Mecklenburg, III. 535 †; IV. 68 §; Ochsenwagen in Ostafrika, VII. 213 †; Reise im Deutsch-Englischen Grenzgebiet Südwest-Afrikas, 1892, III. 259 †; Reise nach Fez, XII. 98 †; S.W. Africa, English and German, II. 29 †; Studien und Beobachtungen aus der Südsee, XIV. 686 †; XV. 72 §; Ueber Marokko, XVII. 676 †; Uebehe in Deutsch-Ostafrika, XI. 314 †, 549 §
- Pfister, C.: J. V. Barbier (biography), XIV. 124 †; XV. 446 †
- Pflüger, A.: Smaragdseen der Südsee, XIX. 525 †; XX. 442 §
- Plaff, J. M.: Courants de la Mer du Nord, XV. 673 †
- Phalangers of Australia, IV. 40
- Phelps, W. F.: Heart of our North-Western Empire, XVII. 556 †
- Phené, J. S.: Dendrophoria, XI. 207 †; Place-names in and around Rome, etc., XIII. 220 †
- Phenology—Phänologische Mitteilungen: E. Ihne, XVI. 704 †; XX. 130 †, 364 †; Report on phenological observations for 1899: E. Mawley, XVII. 445 †
- Philadelphia—Geographical Club of, IV. 178; Street Railway System of: F. W. Speirs, XII. 543 †; Trade Rep., XVI. 371 †
- Philæ—Bericht über die Corrosion des Sandsteinmaterials der: L. Borchardt, XII. 325 †; Threatened destruction of: E. Naville, IV. 577 †
- Philip, G.—
- County Readers: Essex, past and present: G. F. Bosworth, XIII. 212 †
- Enlargement of geographical horizon, X. 654 †
- Growth of Greater Britain, XV. 448 †
- Atlases—Handy Volume Atlas of London, IX. 472 †; XVIII. 347 †; Do. of the World: E. G. Ravenstein, VI. 299 †; XVII. 101 †; London School Board Atlas, XVI. 710 †; Systematic Atlas, etc.: E. G. Ravenstein, III. 355 †; VI. 298 †
- Maps—
- Africa, XV. 306 †; Do. (Treaty

PHILIP

Philip, G.—continued.

- boundaries), XII. 644 †; Gold-fields of W. Africa, XVIII. 347 †; Library Map of Br. S. Africa, XVII. 686 †; Military map of seat of war on Natal frontier, XIV. 694 †; Mission map of Equatorial Africa, I. 189 †; Nile valley; etc., X. 659 †; XI. 691 †; XII. 645 †; S. Africa, including Cape Colony, etc., II. 479 †
- China, Korea, and Japan, war map, IV. 384 †; Chinese Empire and Japan, XII. 644 †; "Daily Mail" Commercial Map of China, XIII. 102 †
- Eight small historical globes, VII. 343 †
- Greece, X. 658
- Guiana, Br., VII. 342 †
- India, N.W. frontier, X. 659
- Klondike gold region, etc., XI. 691 †
- Religions of the World, VI. 204 †
- Philippi, E.: Geologischen Probleme der Antarktis, XIX. 660 †
- , R. A.: Verschiedenheit zwischen Patagonien und Chile, VII. 680 †
- : Schöpfung deutschen Elektrotechniker im Urwald von Sumatra, XVIII. 230 †
- Philippi: A. Struck, XIX. 229 †
- Philippin, C. A.: Le Xingu paraense, X. 341 †

Philippine Is.—

- Actividad seismica en el Archipelago Filipino: J. Coronas, XVII. 89 †
- Archipelago Filipino, XIV. 115 †; Do., Colección de datos geograficos, etc., XIX. 397 †, 619 §
- Dondiin . . . origines del Christianismo en Filipinas: A. Gumma y Martí, y Romanet du Cailaud, XI. 91 †
- Archipel der Philippinen: F. V. Le Monnier, XIII. 214 †
- Batan-Archipel und die Babuyan-Inseln: F. Blumentritt, XIII. 454 †
- Bevölkerung der Philippinen: R. Virchow, X. 550 †; XIV. 335 †
- Birds, List of, etc.: D. C. Worcester and F. Bourns, XIV. 226 †
- Conditions requisite to our success in: G. F. Becker, XVIII. 549 †
- Cyclones—Baguio del 8 de Septiembre, 1900: J. Coronas, XVIII. 326 †; Baguios o Ciclones Filipinos: J. Algne, XIV. 335 †; Cyclones aux Philippines et dans les mers de Chine: J. Algué, XVII. 549 †; Dans l'archipel des Philippines: V. Grenet, XIII. 678 †
- Development of, XX. 102
- Diseases of the islands, Report: S. Flexner and F. L. Barker, XVI. 698 †
- Economic condition of: M. Tornow, XIV. 116 †

PHILIPPINE

Philippine Is.—continued.

- Estado actual y porvenir: J. N. Aguilar, IV. 86 †; V. 89 †
- Estudios para una Nosologia Filipina: E. M. Barcones, VII. 112 †
- Filipinos als Herren im eigenen Hause: F. Blumentritt, XIV. 226 †
- Geographic facts from Report of Taft Philippine Commission, XVII. 674 †
- Names in the Special Report of U.S. Board, XIX. 106 †
- Gold in: F. F. Hilder, XVII. 447 †
- Igorroten von Pangasinan: F. Blumentritt, XVI. 578 †
- Iles Philippines: G. de Leval, IX. 576 †
- Inhabitants of: F. H. Sawyer, XVII. 209 †
- Letter from G. Davidson on, XIII. 669
- Magnetic conditions: P. R. Cirera, IV. 281 †
- dip and declination in: J. Doyle, XX. 467 †
- Mammal fauna, VIII. 385
- Manila and the Philippines: A. F. von Sonnenburg, XIV. 115 †
- under the Americans: C. B. Simonds, XIV. 581 †
- Maps—Carte des Philippines du Père Murillo Velarde: G. Mareel, XI. 452 †; Carta General del Archipelago Filipino (U.S. War Department) XIV. 238 †; Karte der Philippinen: A. Hartleben, XIII. 690 †; Progress map of Signal Corps telegraph lines and cables: A. W. Greeley, XIX. 664 †; Province of Cavite, XIII. 574 †
- Meteorology, XIV. 581 †
- Neue Nachrichten über die Subanon: F. Blumentritt, IX. 576 †
- Neuere Werke über die Philippinen: F. Blumentritt, VI. 295 †
- Nubes en il Archipelago Filipino: J. Algué, XV. 81 †
- Orthography of place-names, XVIII. 620
- Peoples of the Philippines: D. G. Brinton, XIII. 213 †
- Philippinen: N. Post, XIV. 115 †
- Philippine Is.: L. Garnett, XII. 432 †; F. F. Hilder, XII. 432 †; H. A. Macpherson, I. 566 †; J. Ogawa, XIV. 680 †
- and their environment: Hon. J. Barrett, XV. 549 †
- and their people: Dean C. Worcester, XIII. 321 †; Do.: J. G. Schurman, XVI. 248 †
- Philippines and round about, etc.: G. J. Younghusband, XIV. 116 †
- and their future, XIV. 581 †
- Philippines; L'insurrection de 1896-97: C. de Lasalle, XIV. 581 †
- Political, etc., history: J. Foreman, XIV. 115 †
- Primitive tribes of: Dean C. Worcester, XII. 432 †

PHILIPPINE

Philippine Is.—continued.

- Report of Philippine Commission, XX.
243 †, 353 †
Science in: J. J. Walsh, XVIII.
231 †
Seismologia en Filipinas: M. S. Masó,
VI. 295 †
Spaansche bescheiden: H. Kern, IX.
327 †
Spain and Philippine Is.: J. Foreman,
XII. 432 †
Stimmungsbilder aus Manila: F. von
Sonnenburg, XIV. 581 †
Telegraficas submarinas en Filipinas,
X. 550 †
Tifones del Archipiélago Filipino: P. J.
Doyle, XV. 664 †; XVI. 248 †
Trade (F.O. Rep.), † XII. 432; XV. 81;
XVI. 578; XVIII. 638; Do.: F. H.
Hitchcock (U.S. Dep. of Agriculture),
XVII. 447 †
Tribes—Namen der Malaiischen Stämme
der Philippinischen Inseln: F. Blumentritt,
VI. 295 †
Visit to: C. Ericsson, XII. 96 †
Wirtschaftliche Zukunft der Philippinen,
XIV. 680 †
Yesterdays in the Philippines: J. E.
Stevens, XIII. 214 †
Philippson, A.: Barometrische Höhenmessungen
auf den griechischen Inseln, XI.
448 †; Bosphorus und Hellespont, XI.
308 †; Gebirgsbau der Agäis und seine
allgemeineren Beziehungen, XIX. 392 †;
Geographische Reiseskizzen aus dem
Ural und Russland, XII. 538 †; Geologie
von Rhodus, XVIII. 231 †; Geologisch-
geographische Reiseskizzen aus dem
Orient, X. 117 †; Geologische Karte
der Insel Mykonos, XX. 133 †; Do. der
Kyladen, XVIII. 245 †; Do. der Magnesischen
Inseln, XVIII. 245 †; Griechen-
land und seine Stellung im Orient,
IX. 676 †; Griechischen Inseln des
Agäischen Meeres, X. 451 †; Griechischen
Inselwelt, XVIII. 211 †, 225 †;
(Nachträge zur Kenntnis der), XX.
465 †; Journey in W. Asia Mi., XIX.
751; Kopais-See in Griechenland, III.
529 †; Morphologie der Erdoberfläche,
IX. 244 †; Neuere Forschungen . . .
Bau der Erdkruste, VII. 220; N. Greece,
323 †; on predecessors of Bernard
Varenius, I. 176; Reisen in Nord-
Griechenland, † VI. 293; VII. 439; IX.
232, 573; XI. 449; Photographien aus
Griechenland, XII. 322 †; Tectonique
de l'Egée, XII. 91 †; Thessalien, X.
338 †; Do. und Epirus, X. 647 †; Vegetations-
Karte des Peloponnes, VII. 211 †,
226 †; 426 §; Zur Morphologie des europäischen
Russland, XV. 435 †
— und L. Neumann: Europa;
eine allgemeine Landeskunde, VI.
392 †
Phillimore, W., and W. Whitear: Historical

PHOTOGRAPHY

- collections relating to Chiswick, XII.
203 †
Phillipps-Wolley, C.: Big game shooting,
VII. 224 †
Phillips, C.: Volcanoes of the Pacific,
XVII. 680 †
—, E. L.: remarks on "Expedition
through Somaliland," VIII. 234; on
"Through Somaliland," etc., XI. 395
—, G.: Mahmans Account of Kingdom
of Bengala, VI. 581 †
—, J.: Red Sea and Gulf of Aden
Pilot, XVII. 219 †
—, P. L.: Alaska and N.W. part of
N. America; Maps in library of Congress,
XII. 542 †; Guiana and Venezuela
Cartography, XII. 635 †; List of
books, etc., relating to Brazil, XIX.
109 †; of maps and views of Washington
and D.C., XVI. 253 †; of maps of
America in library of Congress, XIX.
401 †; of works relating to cartography,
XX. 130 †; Value of maps in boundary
disputes, XII. 642 †; Virginia cartography,
X. 457 †
—, W.: Climate and Health of
U.S.A., VII. 216 †
Phillips river mining district, W. Australia:
T. Blatchford, XVII. 680 †
Phillipson, N.E.: Camels in Australia,
XV. 555 †
Philology — Wortzusammensetzung in
Griechischen, etc.: H. C. Muller, VII.
685 †
Philpot, Mrs. J. H.: Sacred tree, IX.
349 †
Phinney, A. J.: Natural gas field of
Indiana, III. 254 †
Phlegrean Fields: R. T. Gunther, X.
412 †, 477 †; XI. 192 †
Phocæa, Greece, I. 506; Phocæan trade
routes, VIII. 616
Phœbe I., Gilbert Is., VI. 339 †
Phœnicia—Phœnician characters from
Sumatra, VII. 212 †, 659 §; Inscriptions,
geography of: J. Oford, XVI. 376 †;
Sea chart, VIII. 621; traces in Persian
Gulf, IX. 310; Phénicie et les Phéniciens:
E. Reclus, XVI. 259 †
Photocal-Sammel Atlas: H. Zimmerer,
XIV. 236 †
Photogrammetrie im Dienste der Militär-
Mappierung: A. Rummer, X. 459 †;
Photogrammetrische Höhenmessungen:
Baron von Hubl, XIV. 344 †; Verfahren:
M. Rosenmund X. 653 †
Photography—
Application de la photographie au levé
de plan: H. Rousson, VI. 587 †
De l'utilisation en hydrographie des
clichés photographiques, etc.: Lancelin,
VI. 100 †
Exposure record and diary, Wellcome's,
XIX. 662 †
Letter from E. G. Ravenstein on, II.
557

PHOTOGRAPHY

Photography—continued.

- L'instantané dans la photographie: L. Boutan, XIII. 98 †
 Military photography, Handbook: C. J. Arbery, XV. 304 †
 National Photographic Record Association; Sir B. Stone on, X. 207
 Photographic surveying: *see under* Surveying
 Photographie en océanographie: J. Thoulet, VII. 337 †
 Photographische Kustenaufnahmen: R. Talbot, VI. 102 †
 Photography as aid to exploration: J. B. Lee, XX. 366 †
 ——— in relation to geography, II. 502
 Sur les nouvelles applications . . . à l'aide de la photographie: A. Laussedat, XIII. 685 †
 Sur une application de la photographie à l'océanographie: J. Thoulet, VI. 101 †
 Voyageurs et les images: P. Radiot, XV. 676 †
 Phrygia—Cities and bishoprics of: W. M. Ramsay, VI. 294 †; VII. 190 §; En Phrygie: G. Radet, VII. 329 †; IX. 459 †; Un mois en Phrygie: H. Ouvre, VIII. 308 †
 Physical Geography: *see under* Geography
 Physics, Application of, to geology: C. Chree, IV. 381 †
 Physics, Terrestrial: *see* Geophysics
Physiography: J. W. Redway, VII. 338 †; Major Powell on, VII. 319
 Advanced physiography: A. Morgan, XIX. 239 †
 Elementary physiography, †II. 476; IV. 581; V. 185
 Laboratory work in: H. B. Kummel, XVII. 456 †
 On teaching of: Pr. Kropotkin, II. 350 *
 Outlines of: A. J. Herbertson, XVIII. 341 †
 Physiographic processes, etc.: J. W. Powell, VI. 396 †
 ——— types: W. M. Davis, XIII. 686 †
 Physiography and physical geography: R. A. Gregory, XVII. 454 †
 ——— in the schools: G. L. Collie, XVII. 456 †
 Use of, in geography study: R. S. Tarr, XVII. 456 †
 Physiological effects of high altitudes: C. Dent, I. 46 *
 Phyto-geography: *see* Botany and Plants
 Piaggia, C.; In Memoria di: F. Bonola Bey, VII. 222 †
 Pianura crater, X. 427, 481; X. 487
 Piautry, Risorse naturali del: G. Reminolfi, IX. 342 †
 Pibor river, E. Africa, XIV. 153; XVII. 511; XIX. 690; XX. 392

PIKE

- Picanon, E.: Le Laos français, XVII. 549 †
 Picard, E.: Commerce du bois de chauffage . . . à Dijon au XVIII^e siècle, IX. 676 †; Histoire d'une forêt communale, XV. 546 †; L'enseignement rationnel de la géographie, XIV. 589 †
 Pic du Midi; Exploration de la région des lacs du: M. Lacoste et P. Verdun, XX. 239 †
 Pichler, F.: Die Noreia des Polybios, XI. 207 †, 431 §
 Pichon, L.: Un voyage au Yunnan, I. 375 †
 Pickering, E. C.; biography, XV. 91 †
 ———, W. A.: Pioneering in Formosa, XII. 324 †; Straits Settlements, VII. 331 †, 678 †
 Pico river, Patagonia, XIV. 358
 Pictet and M. Bedot: Voyage scientifique dans l'Archipel malais, II. 563 †
 Picton County, Coal mining in: E. Gilpin, XII. 213 †
 Pidoux: Latitude de l'Observatoire de Genève, XIX. 104 †
 Piedmont, Notice sur les vallées vaudoises du: P. Chaix, XIX. 522 †; Saley und Ager . . . in Piemont: W. Halbfass, IX. 233 †; Vaudois valleys of: W. B. Worsfold, XIII. 318 †
 Pieninen-Gebirge und seine Flora: F. Filarszky, XIII. 554 †
 Pierling, P.: L'Italie et la Russie au XVI^e siècle, II. 88 †
 Pierre, C.: Sur le Haut-Oubangui, XX. 125 †
 Pierrefeu, Exploration du gouffre du: M. Chevrot, VII. 438 †
 Piers Gill, Lake District, VII. 620
 Pierson, A. T.: Seven years in Sierra Leone, XI. 93 †
 Piesse, L.: Algérie et Tunisie, XI. 92 †
 Pieter Botte, mt., Queensland: *see* Peter Botte
 Pietersburg, S. Africa, II. 222
 Piette, E.: Hiatus et lacune, VIII. 647 †; L'époque éburnéenne et les races humaines de la période glyptique, IV. 472 †
 Pigache, V.: Bruges; sa procession et les travaux du port de Heyst, XIII. 675 †
 Pigafetta, Viaje alrededor del mundo, traducción por M. Walls y Merino, XIV. 688 †
 Pigmies: *see* Pygmies
 Pi Kau, Se-chuan, XII. 188
 Pike, A.: Cruise in Arctic seas, X. 543; Cruise on E. of Spitsbergen, XI. 365 *; visit to King Charles Land, XIV. 75
 ———, J. W., obituary, IV. 572
 ———, W.: Journeys in Barren Lands of America, II. 496; Through the Subarctic forest, VIII. 653 †
 ———, Z.: Expeditions to headwaters of the Mississippi, etc.; ed. E. Coues, VII. 444 †

PIKEDALE

- Pikedale Goldfield, Queensland: A. G. Maitland, XI. 204 †
- Pikes Peak Quadrangle, Granitic rocks of: E. B. Matthews, XVI. 583 †
- Pila, U.: Développement économique de la Chine et du Japon, X. 549 †; Mission lyonnaise d'exploration en Chine, etc., XI. 682 †
- Pilate, L. W.: Obock et ses dépendances, III. 531 †
- Pilcomayo river, S. America, XVII. 393; hydrographical conditions, VII. 84
- Ibareta search expedition, XV. 554 †
- Journeys and explorations on: O. J. Storm, VII. 82 *
- Reiser og opdagelser paa Pilcomayofloden: O. J. Storm, V. 285 †
- Rio Pilcomayo y el Chaco Boreal: O. J. Storm, VII. 334 †
- Pilet, R.: Rapport sur une mission en Islande et aux îles Féroë, XI. 192 †
- Pilkington of Uganda: C. F. Harford Battersby, XIII. 100 †
- , W.: Dock and harbour works at Quebec, XVI. 125 †
- Pilling, J. C.: Bibliography of Chinookan languages, III. 73 †; of Salishan languages, III. 440 †
- Pilsbry, H. A.: Genesis of mid-Pacific Faunas, XVIII. 114 †
- Pilz: Die Wälder des Elsass in forstwirtschaftlichen Beleuchtung, XIII. 451 †
- Pimodan, Capt. de: De Göritz à Sofia, I. 562 †
- Pin Chu, Manchuria, II. 449
- Pinchot, G.: Biltmore forest, property of G. W. Vanderbilt, IV. 283 †
- Pinda, Zambezi, II. 406
- Pindar glacier, Himalayas, XV. 156, 414
- Pindus mts., Greece, III. 325; Hilber on geology of, III. 55
- Pine forests succeeded by oak brushwood: E. H. L. Krause on, XII. 409
- Ridge Trail: W. Gregory, VIII. 419 †
- Pines, Isle of—Hypogées de l'île des pins: Lambert, II. 281 †
- Pingan village, Euphrates, VIII. 334
- Ping-hsiang, coal-fields at, XIX. 726
- Ping-shan, China, XII. 231
- Ping-yang and Chenamou, Report on Journey to: Willis, XII. 432 †
- Pini, E.: Bilancio coloniale del secolo, XVII. 682 †; Spedizioni polari antartiche, XIV. 586 †
- Pinnacle mt., Canada, VII. 53
- Pinon, R.: La Chine qui s'ouvre, XVI. 486 †
- Pinotti, F.: Une Venise pauvre, XX. 465 †
- Pinsk marshes, drainage of, I. 159; Die Trockenlegung des Poljesje: F. Immanuel, V. 179 †
- Pinto, Mendez: S. Wheeler, I. 139 *
- Pinto, Serpa, L'explorateur portugais: M. J. Joubert, XVII. 565 †; see Serpa Pinto

PITTARD

- Pinto lake, Rocky mts., V. 56
- Pinton, P.: Tre antiche vie romane nella Venezia, X. 453 †
- Pinzgau: W. Schjerner, IX. 573 †; Die Pinzgauner: Id., X. 224 †
- Pinzon, V. Y.—Pinzon-Solis, 1508: P. J. Valentini, XIII. 95 †, 662 §
- Pio di Savoia, G.: Italiani nel . . . stato di Sta. Caterina, XVI. 372 †; XIX. 236 †
- Piolet, J. B.: Madagascar et les Hova, VI. 488 †
- et C. Noufflard: Madagascar, la Réunion, etc., XVII. 676 †
- Pioneer of . . . rapid route to India: A. E. Waghorn, XIII. 220 †
- Pioneers of commerce, XII. 429 †
- Piot, C.: Les Ecosseis . . . en Flandre, XV. 433 †; Les Frisons en Flandre, XV. 546 †
- Pipli Ghat, Railway surveying on: G. R. Hearn, XX. 555 †
- Piquerez, C.: La Guinée française, XIII. 322 †
- Piracy from thirteenth to eighteenth century: J. E. R. Stephens, XX. 251 †
- Piræus, Trade and agriculture Rep., XVI. 244 †
- Pir-Hajat, Persia, VII. 40
- Pirie Mt., C. Africa, XVI. 475
- Pirikitelian chain, Caucasus, XI. 430
- Pirin Dag, Macedonia; snow-line, XIII. 655
- Pirkhar peak, VIII. 54
- Pir Pantsal route, Ancient topography of: M. A. Stein, VIII. 309 †, 416 †
- Pirrie; surveys in Tochi, XII. 358
- Pirris, Rio Grande de, X. 63
- Pisa, M.: Viaggiatori italiani, IX. 687 †
- Pisani, Monti: A. d'Arcis, II. 184 †
- Piociarelli springs, X. 434
- Pisgah, Prospect from: W. F. Birch, XII. 209 †
- Pisidia, Towns of Pamphylia and: Comte C. Lanckoronski, I. 375 †
- Piteairn I.—
- Bericht aus: F. Carlsen, XIII. 458 †
- Bevölkerung der Insel: R. A. Hermann, XX. 128 †
- Correspondence relating to islanders, XIII. 541 §, 684 †; Further correspondence, XIX. 531 †
- Stone implements from: J. A. Brown, XVII. 680 †
- Pitch-wells—Peechquellen ven Keri in Zante: K. Mitzopoulos, VIII. 395 §, 412 †
- Pitman's New Era Geography Reader: Africa, XVII. 675 †
- Pitt Is., Antarctic, XVII. 179
- Pittard, E.: Anthropologie de la Suisse, XVI. 121 †; Ethnographie du Valais, XIV. 224 †; Do., de la Savoie et de Haute-Savoie, XVI. 484 †, 570 †; Faune du monte Salève, XI. 308 †; Populations du Valais, XII. 428 †; Répartition

PITTIER

- des organismes . . . de quelques lacs suisses, X. 342 †
- Pittier, E.: Descubrimiento importante para Centro-América, XVIII. 336 †; Primer ensayo . . . declinación magnética en Costa Rica, XVIII. 336 †
- , H.: Viaje de exploración al Valle del Río Grande de Terraba, I. 184 †
- and C. Gagini: Lengua de Terraba, III. 534 †
- Pittman, E. F.: Auriferous deposits of Lucknow, XVII. 213 †; Auriferous orebeds of the Lyndhurst goldfield, XVII. 213 †; Geological map of N.S. Wales, III. 80 †; Geology and mineral deposits of . . . W. Australia, XIII. 684 †
- Pitt-Rivers, A. H.: obituary, XV. 654
- Piura, Estudios demográficos de: V. Eguiguren, XI. 100 †
- Pixis, K.: Kepler als Geograph, XV. 446 †
- Pizzetti, P.: La gravità sul Monte Bianco, XIII. 451 †; Do., alla superficie del geoide, IV. 88 †
- Pjetursson, H.: Glacial Palagonite-Formation of Iceland, XVI. 244 †; Moræner i den islandske Palagonitformation, XIX. 522 †
- Place-names (*see also* Etymology and Orthography)—
- Geographical place-names in Europe and the East: J. Burgess, VIII. 536 †
- Names of places: Sir H. Maxwell, XVI. 261 †
- Nomina Geographica: J. Egli, I. 572 †
- Place-names in and around Rome, etc.: Phené, XIII. 220 †; in Glengarry and Glenquoich, and their origin: E. C. Ellice, XII. 627 †; in Staffordshire: W. H. Duignan, XX. 122 †; in Sussex, XV. 364; in the Vanni: J. P. Lewis, X. 455 †; of Balquhider: Mrs. Carnegie, IX. 237 †
- Topologie et toponymie antiques: V. Bérard, XII. 427 †
- Toponymie . . . de haute-montagne: E. de Martonne, XVIII. 316 §, 461 †
- en Belgique: A. Wauters, XI. 207 †
- Völkergeist in den geog. Namen: J. J. Egli, II. 283 †
- Plague—
- Bubonic Plague, History and distribution: G. N. Sternberg, XVI. 134 †
- Climatic conditions necessary for propagation, etc.: B. Latham, XVI. 591 †
- La peste; étude historique et géographique: G. Lasserre, XIII. 688 †
- Plains of Abraham, Probable site of battle of: A. G. Doughty, XVII. 450 †
- Plains of marine and subaërial denudation: W. M. Davis, X. 554 †
- Plan of the Earth and its causes: J. W. Gregory, XIII. 225 *
- Planchon pass, Andes, XVII. 335
- Plankton collected . . . in N. Atlantic: W. A. Herdman, J. C. Thompson, and

PLANTS

- A. Scott, XI. 321 †; Do. marine et les gaz de l'eau de mer: M. Knudsen, X. 125 †; of Færoe Channel: G. H. Fowler, XIII. 686 †; of Red Sea, XI. 75; Plankton-Fauna des Skageraks: C. Aurivillius, XIII. 328 †; Plankton-undersökningar: P. T. Cleve, XI. 103 †; Reisebeschreibung der Plankton-Expedition: O. Krümmel, II. 567 †
- Planten, H. O. W.: Erforschung der Key-Inseln, I. 87 †; Ewaf of Key-Eilanden, III. 255 †
- Plants (*see also* Botany)—
- Anpassungserscheinungen bei Pflanzen: K. Goebel, XV. 673 †
- Aufgaben der Pflanzengeographie: A. F. Schimper, VII. 683 †
- Ausbildung der pflanzengeographischen Kartographie: O. Drude, XIX. 407 †
- Bedeutung der Verbreitungsmittel der Pflanzen in der alpinen Region: P. Vogler, XX. 364 †
- Discovery of America and its influence on plants in Europe: W. Jännicke, II. 567 †
- Fortschritte der Pflanzengeographie in 1896 bis 1898: A. F. W. Schimper, XVI. 374 †
- Géographie botanique et son évolution au XIX^e siècle: A. Masclet, XVI. 704 †
- des plantes avec la physiologie pour base: C. Flahault, XIV. 345 †
- Geographical distribution of plants: C. MacMillan, X. 346 †
- Geographische Verbreitung der Rostpilze: P. Dietl, XVI. 374 †
- der Rutaceen, etc.: A. Engler, X. 233 †
- Getränke-liefernde Pflanzen, ihre . . . Verbreitung, etc.: F. Höck, XVIII. 341 †
- Historische Entwicklung der pflanzengeographischen Ideen Humboldts: C. König, VI. 199 †
- Home lore; Plant associations and their distribution: R. Smith, XVII. 216 †
- Kulturpflanzen: Hahn, XII. 103 †
- Latitude and plant life in Germany: Ihne on, XVI. 680
- Nomenclature de la géographie botanique: C. Flahault, XVIII. 341 †; Do. phytogéographique; Id., XX. 130 †
- Nomenklatur in der Pflanzengeographie: O. Warburg, XIX. 408 †
- Origin of Plant-Structures, etc.: G. Henslow, V. 185 †
- Pflanzen- und Tierv Verbreitung: A. Kirchhoff, XVII. 215 †
- Pflanzenwelt Ost-Afrikas und der Nachbargebiete: A. Engler, VIII. 417 †
- Phyto-geographical terminology, XIV. 545
- Plant associations, Mapping of: A. J.

PLANTS

Plants—continued.

- Herbertson, X. 653 †; Study of: R. Smith, XIII. 686 †
- Plantengeografiske undersøgelser i ydre Søndmøre: O. Dahl, IX. 685 †
- Plantes de la région Alpine: G. Bonnier, VII. 118 †
- Primary conditions of tropical production: G. F. Scott Elliot, XI. 458 †
- Primitivæ Floræ Marmaricæ: G. Schweinfurth and P. Ascherson, V. 185 †
- Select extra-tropical plants, etc.: Baron F. von Mueller, VII. 221 †
- Some curious facts in plant distribution: W. B. Hemsley, VII. 338 †
- Subjective causes of evolution as illustrated by distribution of plants: F. Guthrie, V. 185 †
- Végétaux et les milieux cosmiques: J. Constantin, XI. 458 †
- Verbreitung der Cactaceæ im Verhältniss zu ihrer systematischen Gliederung: K. Schumann, XVIII. 341 †
- Plarr, V. C.: Men and women of the time, VII. 119 †; XIV. 689 †
- Plas, J.: La colonisation hollandaise aux Indes orientales, XII. 95 †; Le Mayumbe, XIV. 336 †
- et V. Pourbaix: Le régime économique et fiscal de l'État du Congo, XIII. 561 †
- Plata, Rio de la, XII. 386; XVII. 387
- Admiralty Chart and its description of south bank, XIX. 101
- Estuary, tides, and sandbanks; J. Figueroa's observations, XIX. 93
- Etnografia del: B. T. Martinez, XV. 85 †
- Its basin, geography, and inhabitants: T. Morong, I. 378 †
- Régimen del Río de la Plata y su corrección: A. Foster, XIX. 658 †
- Plataea, Battlefield of; Letter from G. B. Grundy on A. Hauvette's paper, III. 525; Greeks at Plataiai: W. J. Woodhouse, XII. 537; Topography of battle of: G. B. Grundy, III. 250 †
- Plate, L. H.: Zur Kenntnis der Insel Juan Fernandez, VIII. 420 †
- Platinum—Geological relations and distribution of: J. F. Kemp, XX. 675 †
- thermometry at Kew Observatory; Investigations: C. Chree, XVII. 215 †
- Platt, M.: Better books in school geography, XII. 331 †
- Plattensee—
- Balaton: O. Herman, I. 374 †
- Bericht über die Tätigkeit der Balatonsee-Kommission: L. von Loczy, V. 278, 504 †; Do. über die wissenschaftliche Erforschung des Balatonsees: Id., IX. 677 †; (Fauna), XIV. 111 †, 454 †
- Foldrajzi társaság Balaton-Bizott saganak Jelentése, VI. 193 †

PNOMPENH

Plattensee—continued.

- Influence on climate of surrounding region, Saringer on, XIII. 427
- Plattenseeforschungen: R. Sieger, VI. 193 †
- Rapport de la Commission d'Etudes: Loczy, etc., IV. 84 †
- Relative Schwerebestimmungen in der Umgebung des: R. V. Sterneck, XX. 552 †
- Resultate der wissenschaftlichen Erforschung des Plattensees: E. von Cholonoky, † IX. 677; XII. 537; XVIII. 226
- Soundings, etc., V. 266
- Platter, J. C.: Schlösser und Burgen in Tirol, VII. 107 †
- Platz, E.: Studienfahrt im Gebiete der Vomperkette, VII. 107 †
- Playa Point, Br. Guiana, XVII. 193
- Playfair, Sir R. L.: Agriculture of Algeria, II. 552 †; Handbook for travellers in Algeria and Tunis, VII. 213 †; obituary, XIII. 439
- and R. Brown: Bibliography of Morocco, I. 262 §, 280 †
- Plé: Une délimitation de frontière au Dahomey, IX. 340 †
- Plehn, A.: Meteorolog. Beobachtungen . . . in Kamerun, XV. 439 †
- , F.: Expedition in Southern Kamerun, XIII. 535; XIV. 444; XV. 420; Kamerun-Küste, XIII. 323 †; on Dualas of Kamerun, IV. 565
- , R.: Beiträge zur Völkerkunde des Togo-Gebietes, XVI. 582 †; Reise nach Atakpame, VIII. 531 †; IX. 239 †
- Pleskauer See, Talabskischen Inseln auf dem: P. von Stenin, XIX. 523 †
- Plevna, Defence of, Maps and plans made to illustrate W. V. Herbert's book, V. 405 †
- Pleyte, C. M.: Herinneringen uit Oost-Indie; Soematra's Westkust, XVI. 123 †, 366 †; Verkenning der Bataklanden, VII. 331 †
- Ploix, C.: H. Cordier, VII. 223 †
- Plotnikoff, A. F.: Narim country, XIX. 635; XX. 244 †
- Plumandon, J.: Variations de la vitesse des vents, etc., VII. 220 †
- Plumb-line: see under Geodesy
- Plumstead, E.: Mr. Moxley's appeal to the Gentiles, XVI. 374 †; Moxley's theory of tides, XVI. 705 †; Nansen and his scientific results, XVI. 256 †; New theory of tide, XVIII. 240 †; Norwegian Polar expedition 1893-1896, XVIII. 237 †; Notes on lunars, summers, and double altitudes, XV. 198 †
- Plymouth—Burrator works for water-supply of: E. Sandeman, XIX. 395 †; Plan of: J. Bartholomew, XIV. 468 †
- Plympton, C. W.: Bibliography on travel in N. America, XIV. 339 †
- Phnompenh, Cambodia, II. 207; Besuch in,

PO

- XII. 628 †; Pnom-Penh (voyage au Cambodge): J. Agostini, XII. 324 †
- Po—
- Accrescimento del delta del: G. Marinelli, XI. 681 †; XII. 187 §; Accroissement du delta du Po au XIX^e Siècle: Id., XIX. 522 †
- Embankments of: F. D. Adams, VIII. 412 †
- Pobéguin, H.: Atlas des côtes du Congo français, IV. 95 †; Carte de la Côte d'Ivoire, VI. 493 †; VIII. 540 †
- Pock, J.: Sauris oder Zahre im Friaul, XI. 449 †
- Pockels, F.: Theory of formation of precipitation on mountain slopes, XVIII. 647 †; XIX. 192 §
- Pocock, R. I.: Distribution of Arachnida, etc., XIII. 687 †
- Podenetz district, Magnetic anomalies in: Lentsi, XII. 93 †
- Podgorica plain, Montenegro, IV. 391
- Podzersky: Imeritia, XI. 196 †
- Poe, C. L.: Lesson plan for study of a natural product, XVII. 327 †
- Poelau Toedjoeh in het zuidelijk gedeelte der Chinesche zee: A. L. van Hasselt and H. J. E. F. Schwartz, XIII. 213 †
- Pœmanenum, Mysia, IX. 166
- Poesche, T.: biography, XVI. 259 †
- Pohlberg-Gebietes, Vegetations-Verhältnisse . . . des: A. Frisch, XII. 536 †
- Poigar river, Celebes, XVIII. 87
- Poincaré, A.: Combinaison des effets des révolutions synodique et tropique de la lune, XVI. 493 †; Emploi . . . combiner les effets de la revolution synodique avec ceux de la rotation terrestre, XVII. 215 †; Mouvements barométriques provoqués . . . par la marche du soleil et de la lune, XVI. 257 †; Do., par le soleil, XV. 302 †; Moyennes des hauteurs barométriques en soleil austral, etc., XIII. 686 †; Projet de révision de l'arc méridien de Quito, XVI. 491 †; Tourbillon polaire, XII. 638 †
- Poinsard: Curiosités géographiques, VIII. 535 †
- Poitou, Physical geography of: Welsch, I. 81 †
- Pokao people, New Guinea, XVI. 276
- Pokomo tribe, Tana river, XVII. 514
- Pokomoni district and natives, XVIII. 284
- Pola*, Work of, XII. 571; in Ægean Sea, III. 510; in Red-Sea, VIII. 180, 402; in Marmora, I. 365; Chemisch-geologische Arbeiten der *Pola* Expeditionen: K. Natterer, XIX. 407 †; Do. Tiefsee-Forschung: Id., XIV. 345 †
- Polakowsky, H.: Auswanderung nach Chile, IX. 109 †; on Boundary treaties between Chile, Bolivia, and Argentina, VIII. 640; Bolivia-Paraguay frontier, VII. 205; Entwicklung von Argentinien und Chile in den Jahren 1889–

POLE

- 1893, IV. 284 †; Entwicklung der Republiken Chile und Argentinien, V. 284 †; Grenze Argentiniens gegen Chile, VI. 489 †; Grenze zwischen Mexico und Guatemala, VII. 115 †; Grenzverträge Chiles mit Bolivia und Argentinien, IX. 108 †; Interozeanische Kanal, X. 329 §, 457 †; Neue Forschungsreisen im südlichen Chile, IX. 579 †; Nicaragua Kanal, IX. 579 †; Vom Nicaragua-Kanal, XIV. 121 †; Zustände auf der Oster-Insel, VII. 217 †
- Poland—
- Akademia Umiejetności w Krakowie; Sprawozdanie Komisji Fizyograficznej, † XIII. 87; XIV. 329; XVII. 83
- Germanisation de la Pologne Prussienne: B. Auerbach, VI. 293 †
- Poland: W. R. Morfill, II. 88 †
- Population, IX. 658; X. 198, 201
- Trade and Agriculture (F.O. Rep.), † XIV. 577; XVI. 363; XVIII. 322; XX. 552
- Polar regions (general only)—**
- Befahrung der Meere hoher Breiten mit Hülfe von Eisbrechern: S. O. Makaroff, XIV. 343 †
- Conquête des Poles: Wauwermans, XVI. 128 †
- Drift casks for investigation of polar currents, XII. 194; XIV. 326; XVIII. 627
- Entstehung der Lehre von den Polarzonen: H. Berger, IX. 466 †
- Ergebnisse neuerer erdmagnetischer Beobachtungen in den Polar-Regionen: G. Neumayer, XIX. 779 †
- Explorations, II. 17; IV. 365; IX. 596; XI. 301; XVII. 228*; Exploration by means of ice-breakers, Makaroff on, XII. 420; Esplorazioni Polari nel secolo XIX: L. Hugues, XVII. 562 †; Explorations océanographiques aux régions polaires: Prince A. de Monaco, XIV. 343 †; Gegenwartige Standpunkt der Polarforschung: E. von Drygalski, VII. 337 †; Polarforschung im Jahre 1900: H. Singer, XVII. 562 †; Do., 1901, XIX. 532 †; Proposed American, III. 62; Scoperte geografiche del secolo XIX: F. Porrena, XVII. 562 †
- Flora der ewigen Schnee- und Eis-Region: H. Holm, XIX. 405 †
- Polar work, What it is, etc.: R. Koettlitz, XIX. 238 †
- Problem of the Pole: C. Morris, VI. 99 †
- Régions polaires: J. de Schokalsky, XV. 301 †
- Secret of the Poles: H. Campion, XII. 547 †
- Unknown tracts of Polar areas, II. 482
- Pole of the earth, Motion of: E. F. van de Sande Bakhuyzen, XV. 87 †; XVIII. 646 †; 14-monthly period of, etc.: J.

POLIS

- Weeder, XVII. 97 †; Oscillation of, XIX. 642; Pole der Landoberfläche: A. Penck, XIII. 543 §; XIV. 98 §, 233 †
- Polis, H.: Beiträge zur Gewitterkunde im Hohen Venn und der Eifel, XVIII. 321 †
- , P.: Anwendung . . . in der medizinischen Klimatologie, XIV. 687 †; Niederschlagsverhältnisse der Eifel, XII. 321 †; Rainfall of Cent. Rhine Provinces, XV. 641; der Luft in den barometrischen Minima und Maxima, XV. 88 †
- Political Geography: *see under* Geography
- Pollard, J.: Land of the Monuments, IX. 105 †
- Pollen, G.: Exploration of Ty Newydd caves, XII. 205 †
- Pollock, Sir F.: Monroe Doctrine, XX. 669 †
- Polo, J. T.: La piedra de Chavin, XVII. 95 †
- , Marco: *see* Marco Polo
- Po-lo-lo: *see* Bolor
- Polonio, Cape (Uruguay): Celebrated shipwrecks at: A. D. Lussich, IV. 580 †; Dunes du cap Polonio sur la côte de l'Uruguay: H. Arctowski, XX. 470 †
- Poltawa, Vegetationsskizze des: F. Krause, XI. 193 †
- Polynesia** (*see also* Pacific Islands)—
Bernice Pauahi Bishop museum, occasional papers, XVIII. 337 †
- Geographical knowledge of Polynesians: S. P. Smith, XIV. 689 †
- Nordwest-Polynesier: G. Thilenius, XIII. 326 †
- Plant and tree-names in: F. W. Christian, XI. 204 †
- Savage isles and settled lands: B. Baden-Powell, I. 88 †
- Studies on South Sea languages: D. Macdonald, I. 88 †
- Polynesian subregion of geography of mammals, IV. 50
- Pomba, C.: Aspect physique de l'Italie; Relief à surface convexe, VII. 108 †; biography, XIV. 236 †; obituary, XII. 534; Pio recordo di, XIV. 589 †; Sur la construction des globes, IX. 111 †, 244 †
- Pomerania—
Aus der Geschichte zweier Dörfer in Pommern: A. Reifferscheid, XVII. 206 †
- Dunes, etc., of: W. Deecke, II. 472 †, 561 †
- Ergebnisse seiner Seenforschung in Pommern: W. Halbfass, XVIII. 321 †
- German Imperial Manœuvres in: E. Gunter, XVII. 545
- Karte von Hinterpommern, etc.: W. Halbfass, XIX. 244 †
- Pommerschen Seen: W. Halbfass, XIX. 227 †, 381 §

POPPER

- Pomerania—*continued*.
Rainfall maps of Pomerania and Brandenburg, Hellman's, XIX. 501
- Trade Rep., XVI. 487 †
- , New: *see* New Pomerania
- Pomian, A. H. de: Dahome, land och folk, VII. 563 †
- Pompecky, J. F.: Wissenschaftliche Ergebnisse von Nansen's Polarexpedition, XVII. 326 †
- Pomperaug, Valley region of, Connecticut, XIX. 92
- Ponape I.: A. Caberga, II. 188 †; Ruins on, XIII. 109, 120, 131
- Poncelet et Schwerer: Sondages par la Drôme dans l'Atlantique nord, IX. 467 †
- Poncins, Vicomte E. de: Chasses et explorations dans la région des Pamirs, IX. 459 †; Du Turkestan au Kashmir à travers les Pamirs, VIII. 308 †; Issas et Adals, XII. 209 †; journey in Pamirs, III. 57; Voyage au Choa, XIV. 118 †; Voyage du Prince H. d'Orléans, XI. 453 †
- Pond, J. A.: Percentage of chlorine in lake Takapuna, XVII. 560 †
- Pondichery—Pondichéry et Cocanada: E. Maigre, VIII. 309 †; Trade Rep., XVI. 487 †
- Ponga, Siam, VI. 530
- Pongo de Manseriche, XVII. 379
- Pontavice de Heussey, Comte du; remarks at Anniversary meeting, XIV. 102, 107
- Pontine marshes: F. von Donait, VII. 439 †
- Poole, R. L.: *see* Lane Poole
- , W.: surveys on Darling river, XVI. 255 †
- Poole Sands, formation of, IX. 570
- Poona and Deccan, Our troubles in: A. Crawford, XI. 312 †
- Poopo lake, S. America, XVII. 338
- Pope, C. W.: Dehra Dun forests, I. 469 †
- Pope's lines of demarcation: *see* Papal
- Popham, F. W.: trading expedition to Siberia, X. 538
- Popocatepetl**; cone, VIII. 146; eruptions, VIII. 153; porphyries and crater, VIII. 138, 148, 152
- Ascent of: A. E. Douglas, X. 651 †
- Besteigung des . . . 1866: E. R. Schmit, XIX. 529 †
- Popocatepetl and Ixtaccihuatl, observations on, etc.: O. C. Farrington, X. 651 †; XI. 553; letters from W. A. B. Coolidge and T. H. Munro, VIII. 304; from A. Heilprin, IX. 100; from O. H. Howarth, IX. 331
- and volcanoes of valley of Mexico: O. H. Howarth, VIII. 137 *
- Popov, P. O.: Memoirs on Mongol encampment, VI. 555 §
- Popowski, J.: Rival powers in C. Asia, III. 530 †
- Popper lake, Tatra mts., II. 257

POPPIG

- Poppig, E.: W. Wolkenhauer, XII. 546 †
Population—
 At different elevations; M. Olinto on, IV. 358
 Bevölkerung der Erde: A. Supan, XVIII. 344 †
 Centralization of, IX. 431
 Maps, VIII. 520; XVIII. 420; Ueber Bevölkerungsstatistische Grundkarten: A. Hettner, XIX. 409 †
 Mouvement de la population et ses conditions économiques: H. Denis, XVIII. 648 †
 Population of uncivilized countries: J. Scott Keltie, XVII. 683 †; of unorganized countries, XIV. 545
 Rapports sur le Concours pour le Prix Bertillon 1901: M. Capitan, M. d'Echérac, G. Hervé et Y. Guyot, XX. 565 †
 Porcher, H.: Voyage dans l'Adamaoua, I. 84 †
 —, J.: Coin de la France; Gace, XIII. 675 †; Sainte-Baume et Saint-Maximin, X. 646 †
 Porchester, Roman town at, X. 513
 Porena, A.: Quali distinzioni . . . debbano sottoporsi le montagne della Penisola Italiana, etc., X. 452 †; Cartografo Italiano, VII. 221 †; Convenienza de rinforzare lo studio sulle forme del terreno, etc., XVIII. 243 †; Elementary geographical teaching, I. 187 †; Geografia . . . altre scienze fisiche e sociali, IX. 116 †; Giubileo della nuova geografia, XII. 219 †; Morfologia della superficie terrestre, etc., X. 342 †; XII. 439 †; XVI. 493 †; Primo contributo di cartografia romana, IV. 185 †; Scoperte geografiche del secolo XIX. . . † XVI. 375, 579; XVII. 562; Do. nell' Australia e nelle Americhe, XVII. 218 †; Do. nell' Asia, XVII. 647 †
 —, T.: Ordinamenti dell' insegnamento geografico, etc., V. 401 †
 "Poró" ceremony, Sierra Leone, IV. 133
 Porpor, altitude, etc., X. 393, 397
 Porro, C.: Problemi insoluti della geografia d'Italia, XVIII. 632 †
 —, F.: L'Unificazione dell' Ora, IV. 475 †; Sull' opportunità che le variazioni dei ghiacciai italiana siano studiate, etc., X. 452 †
 Port Arthur, IV. 535; Visite à: Un Marin, XII. 95 †
 — au Prince, Haiti, XVI. 308
 — Blair, Technical terms and names in: R. C. Temple, XII. 431 †
 — Curtis, Australia, XX. 204
 — Dinorwic docks: F. Oswell, XX. 666 †
 — Herald station, Shire river, II. 407
 — Jackson, N. S. Wales; Aboriginal carvings of: W. D. Campbell, XIV. 463 †
 — Limon, Costa Rica, X. 71

PORTSMOUTH

- Port Nolloth, II. 29
 — Philip, N. S. Wales, Journey of discovery to: W. H. Howell and H. Hume, IV. 580 †
 — Said and Suez, Trade Rep., † XII. 631; XV. 438; XVI. 699
 Portal, Sir G.: British Mission to Uganda in 1893, IV. 190 †; obituary, III. 243; Reports relating to Uganda, II. 532 †
 Porte, J. A. de la en J. Knebel: De Ruinen van Panataran, XVII. 209 †
 Porter, D.: Flow of Connecticut river, VIII. 192 †
 —, R. P.: Eleventh U.S. Census, V. 183 †; Industrial Cuba, XIV. 230 †
 —, R. W.: Frobisher Bay revisited, XII. 102 †
 —, T. C.: Impressions of America, XIV. 461 †
 —, W.: on valleys of S. Ireland, XX. 524
 Portillo, D. P.: Montanas de Ayacucho y rios Apurimac, etc., XIX. 403 †
 Portland, Me., as trade centre, XX. 455
 Portman, M.: Languages of S. Andaman group of tribes, XIV. 114 †
 Portnafeedog, Prehistoric settlement at: F. J. Bigger, VIII. 308 †
 Porto: see Oporto
 Porto Alegre, M. de A.: Colombo; Poema, II. 93 †
 Porto Alegre, Trade Rep., XVI. 490 †
 Porto-Novo et ses habitants: Marchoux, VI. 296 †
Porto Rico: J. Claine, III. 255 †; R. T. Hill, XIII. 683 †
 Ascent of "El Yungue": N. F. McClure, XVII. 559 †
 Census, XVIII. 209; H. Gannett, XVII. 325 †, 432 §, 559 †
 Forest conditions of: R. T. Hill, XV. 283 §, 442 †
 Great depth of ocean near, IV. 257
 Military map (U.S. War Department), XIV. 239 †
 Prehistoric Porto Rico: W. Fewkes, XX. 561 †
 Puerto Rico en la Feria: J. R. Abad, II. 383 †
 —, —: its conditions and possibilities: W. Dinwiddie, XV. 196 †
 Reise-Eindrücke aus Puertorico: T. Hübener, XIV. 685 †
 Topography and aspects: H. M. Wilson, XVI. 491 †
 Trade Rep., † XVI. 702; XVII. 95; XVIII. 644
 Zur Kenntniss Puerto Rico's: W. Sievers, VI. 97 †
 Ports—Method of improving ocean bars: L. M. Haupt, XIX. 534 †; World's great ports: W. Turner, XVIII. 336 †
 Portsmouth, marine surveys at, IX. 656; XII. 70

PORTUGAL

Portugal (*see also* Iberian Pen.)—

A Industria agraria: J. E. Pereira, VII. 109†

Arms of, in use till 1485, XVI. 628

Cerco de Santarem, 1184: R. Dozy, VII. 439†

Colonies: M. H. Barré, XIV. 237†;

E. J. de C. E. Vasconcellos, X. 178§;

XI. 208†; As nossas riquezas

coloniaes: J. de Macedo, XX. 132†;

Colonies portugaises d'Extrême-

Orient: H. Hauser, XVIII. 231†;

Etudes sur les Colonies portugaises:

Id., XVI. 699†; XVIII. 345†;

Estatistica Graphica dos Caminhos

de Ferro das Provincias ultramarinas,

XVIII. 345†; Kolonialpolitik Portu-

gals und Spaniens: A. Zimmerman,

XII. 105†

— in Africa: *see* Africa, Portu-

guese

Coup d'œil sur le Portugal: A.

Boutroue, V. 505†

Deux faits de phonologie historique

portugaise: A. R. Gonçalves Vianna,

II. 184†

E. India records, F. C. Danver's report,

II. 248*

Elementos de logographia industrial:

J. M. E. Pereira, XVI. 573†

Empire in the East, VI. 558

Explorations—early discoveries, III. 4;

of America, V. 221; (Historians on),

IX. 193; of Australia, XI. 80; of

Brazil in 1447; letter from J. West-

lake on, V. 390; Moluccas, VII. 365;

of ocean route to India, XII. 10;

(Celebration of), X. 641; Explora-

tions anterior to discovery of America:

J. P. de O. Martins, I. 571†; Missions,

etc., in Asia and Africa: J. D'Orsey,

II. 569†; Trabalhos Nauticos dos

Portuguezes: L. Viterbo, XIII. 99†

Maps—Carta Chorographica, IX. 247;

Carta Geologica: Delgado e Choffat,

XVI. 136†; Charts, XII. 645†;

early Portuguese maps of Java, XIV.

423; Hydrographic charts, I. 288†;

II. 288;† Portuguese Government

map, XV. 450†

Notes of a journey in: E. W. Mellor,

V. 505†

Occupation of Bahrein, XVIII. 292; of

Oman seaboard, X. 615, 618; Portu-

guese in Maskat, XI. 187

Origine des relations commerciales

entre la Flandre et la Portugal: E.

Cantineau, XIX. 522†

Os Portugueses e o Gentio: S. Viterbo,

IX. 467†

Padroado de Portugal em Africa: Bp.

de Himeria, VII. 443†

Religiões da Lusitania: J. L. de

Vasconcellos, II. 184†; XI. 681†

Trade Rep., XVI. 245†

Vasco da Gama celebration, VII. 103;

POWELL

Portugal—*continued*.

VIII. 303; X. 220, 641; XI. 661;

Portugal . . . and Vasco da Gama

celebration: J. Newby, XV. 189†

Poschwitz, T.: Borneo, its geology and

mineral resources, I. 83†

Posilipo ridge, X. 429

Position observations: *see under* Survey-

ing

Poskin, A.: Afrique équatoriale, X. 649†;

XII. 305§; Bilans congolais, XVI.

249†; Climatologie du Congo, VII.

332†; Note sur l'Étiologie, le diagnos-

tic . . . de la Malaria, XVI. 591†

Posnett, H. M.: Federal constitution of

Australia, XVIII. 236†

Poso, lake, Celebes, VII. 205; XI. 297;

discovery of, VIII. 296; Het Posso-

meer: J. F. Hoekstra, IX. 237†

Poso-Alfuren, Beiträge zur Volkskunde

der: A. C. Kruijt, XIII. 454†

Possession I., Antarctic, V. 587; XVI.

396†; XVII. 487

Post, G. E.; explorations in N. Syria, II.

168; Narrative of expedition to Le-

banon, etc., II. 185†

—, N.: Die Philippinen, XIV. 115†

Potala, residence of Dalai Lama, XVIII.

602

Potamology as branch of physical geo-

graphy: A. Penck, X. 619*; XI. 458†;

see Rivers

Potanin, G. N.: Journeys, III. 330;

Journey in Central part of Great Khin-

gan, XX. 352†; Letzte Reise in West-

China: E. Bretschneider, XV. 277§;

XVI. 122†; Tangutsko-Tibetskaya

okraina Kitaya i tsentralnaya Mong-

goliya, III. 345†

Potanin, Mme. A.: geographical journeys

of, VI. 557†

Potaro, On the: C. A. Lloyd, IX. 579†

Potsdam, Die Polhöhe von, XII. 545†

Pott, R. E. von: Expedition S.M. Schiff

Pola in das Rothe Meer, XIX. 111†

Pottinger, E.: Expedition to Upper Ira-

wadi, X. 210; journeys in N. Kachin

Hills, XIII. 657; Recent survey in W.

China, XVI. 575†; Surveys for Burma-

Sechuan railway, XVI. 680; remarks

on "From Shanghai to Bhamo," XIX.

276

—, E. and D. Prain: Note on

Botany of Kachin Hills, XIII. 558†

Pouchet, Georges: E. Retterer, VI. 101†

Pourbaix, V.: Commerce de l'Etat in-

dépendant du Congo, IX. 462

Poussières et la transparence de l'air: C.

Dufour, VIII. 424†

Poussin, J. de la V.: Les voyages sur

l'Inlandis du Groenland, I. 379†

Powell, Baden: *see* Baden-Powell

—, J. W.: Annual report of Bureau

of American Ethnology, †VIII. 532;

XI. 97, 454; XIX. 401; of U.S. Geo-

logical Survey, III. 162†; V. 90†;

POWELL

- Biography: G. K. Gilbert, XX. 675 †;
 Canyons of Colorado, VI. 197 †; director
 of U.S. Geological Survey, VI. 252;
 (resignation), IV. 566; Hypothesis to
 account for movement in crust of the
 earth, XI. 573 †; obituary, XX. 663;
 on physiography, VII. 319; Physio-
 graphic processes, etc., VI. 396 †; Re-
 lation of primitive peoples to environ-
 ment, XI. 105 †; Work of U.S.
 Geological Survey, I. 281 †
 Powell, W. B.: Geographical instruction
 in American schools, III. 352 †,
 523 §
 —, W. F.: Haiti, XVII. 453 †
 Powell-Cotton, P. H. G.: Sporting trip
 through Abyssinia, XIX. 770 †
 Power, Hon. L. G.: Whereabouts of Vin-
 land, I. 183 †
 Powindah tribe, Afghanistan, IX. 395
 Poyang lake, XII. 237
 Poynting, J. A.: Mean density of the
 Earth, III. 537 †
 Poyul country, Tibet, III. 380
 Pozdneyeff, D.: Description of Man-
 churia, XI. 311 †; 567 †; Mongolia and
 the Mongols, IX. 441 §; Opisanie
 Manchurii, X. 339 †
 Pozo de la Orega, XV. 604
 Pozuzo Colony, Amazons, II. 267
 Pozzuoli, mineral springs, X. 433
 Prachadi, Siam, VI. 406
 Prado — Explorações no Municipio do
 Prado: E. A. Frot, XII. 436 †
 Praeger, R. L.: Irish topographical
 botany, XIX. 104 †, 630 §; Report on
 raised beaches of N.E. Ireland, IX.
 459 †
 — and W. J. Sollas: Re-
 port of Committee . . . on recent bog-
 flow in Kerry, XI. 309 †; XII. 204 †
 Prag, J.: Jewish colonies in Palestine,
 XII. 209 †
 Pragner, H.: O descobridor do Novo
 Mundo foi Colombo, XI. 105 †
 Prague, Journal of Czech Society of Geo-
 graphy at, VI. 481
 Prain, D.: on botany of Kachin Hills,
 XIII. 657; On flora of Narcedam and
 Barren I., II. 562 †; III. 234 §; *see*
 Maynard, F. R.
 Prairies—Kanadischen Ebenen: J. A.
 Brandes and C. Steffens, VIII. 418 †;
 Why are they treeless? letters from
 M. Christy and G. M. Asher on, I. 464
 Pratt, E. M.: Marine fauna of Falkland
 Is., XIII. 324 †
 —, J. H.: Corundum in U.S., XX. 670 †
 —, E. M.: Bipolar theory of distribution
 of marine organisms, XIX. 661 †
 Praying wheel, Buddhist: W. Simpson,
 IX. 348 †; Praying-wheels in Sze-
 Chuan, X. 32
 Precession of equinoxes, Hipparchus and:
 M. H. Close, XIX. 532 †
 — tables adapted to Newcomb's

PRIESTMAN

- value of processional constant: A. M.
 W. Downing, XV. 447 †
 Precious stones, Geography of: G. F.
 Kunz, XI. 688 †
 Precipitation: *see* Rain
 Pree, H. de: Journey on Tana river,
 1899, XVII. 512 *
 Pregel, river: *see* Memel
 Prehistoric man and glacial epoch in the
 Alps, A. Penck on, XX. 534; in Br.
 Columbia: C. Hill-Tout, IX. 341 †
 Preil, Oberlt.: Eine Otifahrt, XVII. 323 †
 Preller, C. S. du R.: Glacial deposits, etc.,
 in Subalpine Switzerland, VII. 655;
 VIII. 414 †
 Prempeh, Downfall of: R. S. S. Baden-
 Powell, VIII. 190 †
 Prentiss, H. M.: Great Polar Current, X.
 458 †
 Prespa lake, Macedonia, XV. 174; XVI.
 217
 Pressure: *see* Barometric pressure
 Preston, E. D.: Conference of International
 Geodetic Association at Stuttgart, XIII.
 327 †; Copper river delta, XV. 440 †;
 Disturbances in direction of plumb-line
 in Hawaiian Is., VI. 98 †; Geodätische
 Arbeiten in den Vereinigten Staaten,
 XVI. 125 †; Recent progress in geodesy,
 XIII. 567 †; Telegraphic determination
 of force of gravity at Baltimore, X.
 233 †; Transcontinental arc, XI. 99 †,
 300 §; U.S. Coast and Geodetic Survey,
 XVI. 126 †; Variations of latitude at
 Waikiki, Hawaiian Is., III. 75 †; V.
 396 †
 Prestwick, J.: H. B. Woodward, IX.
 115 †; XIII. 570 †; On Submergence
 of W. Europe, II. 262
 Presun people and language, Kafirstan,
 IV. 201
 Preuss, K. T.: Die Begräbnisarten der
 Amerikaner und Nordöstasiaten, V.
 188 †; Menschenopfer . . . in Amerika,
 IX. 341 †
 —, P. R.: biography, XVII. 327 †,
 565 †; Cacao, sa culture, sa preparation,
 XX. 364 †; Expedition nach Central-
 und Südamerika, XIX. 236 †
 Préville, A. de: Sociétés Africaines, leur
 origine, etc., IV. 86 †; VI. 465 §
 Price, J. M.: Land of gold, etc., VIII.
 193 †; Notes on Ruk and Mortlock Is.,
 VII. 116 †
 —, L. L.: Census of 1891, and rural
 depopulation, III. 529 †
 Prichard, H.: Through Haiti, XVI. 306 *;
 Through the heart of Patagonia, XX.
 644 §; Where black rules white; Journey
 across and about Hayti, XVII. 325 †
 Prielmayer, M. von: Die Alpen des Grosi-
 nathales, XI. 307 †; Granatspitzgruppe
 in den Hohen Tauern, VII. 106 †
 Priem, F.: L'extension ancienne des
 terres australes, V. 183 †
 Priestman, H.: Lofoten, 1898, XII. 322 †

PRIGADA

- Prigada bank, Danube; remains of dams at, VIII. 605
 Prijepolje, Novi Bazar, IV. 400
 Primary geography: A. E. Fryc, V. 188 †
 Primbault, H.: Promenade au Caucase et dans le Turkestan, XIX. 397 †
 Primo, L.: Il Porto di Venezia, VI. 293 †
 Prince, Capt.; journey in Merere's country, XV. 282
 Prince Charles Foreland, Spitsbergen, XII. 151
 ——— Rudolf's Land, III. 494
 ——— William sound, Alaska, XV. 67
Princess Alice cruises: see Monaco, Albert Prince of
 Principe, Ilha do (map), III. 539 †; fauna, VII. 283; see San Antonio and San Thomé
 Pringle, J.: Gill memorial awarded to, VI. 93; remarks on "Journeys to the N. of Uganda," XIV. 152; With the railway survey to Victoria Nyanza, II. 112 *
 Prins, P.: Explorations in Shari basin, XVI. 228; Vers le Tchad, XVI. 250 †; Voyage au Dar Rouna, XVI. 250 †
 Prinsep, D. G.: Journey in Cyprus, XVII. 444 †; Portable map-reader for field service, XV. 87 †
 Prinz; on formation of main geographical lines, XIII. 229, 230
 Prinzapulca, Rio, Nicaragua, XI. 659
 Prior, G. T.: remarks on "Popocatepetl," etc., VIII. 152
 Prisren, Albania, XI. 423
 Pritchett, H. S.: Magnetic survey of U.S., XIV. 339 †; Plan for international measurement of an arc of 98th meridian, XV. 556 †
 Prittwitz, von; Explorations on Ulanga, XIII. 660
 ——— and Kannenberg: Ein Forschungsritt durch das Stromgebiet des unteren Kisil Irmak, III. 437 †; see Maercker
 Privat-Deschanel, P.: Conditions géographiques de la vie animale dans le Beaujolais, XIX. 392 †; Etat de Californie, XX. 670 †; Fixation des dunes au Sahara, VII. 443 †; Hydrologie et hydrographie beaujolaises, XVIII. 453 †; Peut-on reboiser le Sahara? IX. 222 §, 239 †; Relief du Beaujolais, XIX. 649 †
 Prjevalsky; description of Lob-nor, VIII. 636; XI. 652; journeys on Upper Yangtse-Kiang, XII. 227
 Prjevalsky's range, IX. 547, 550
 Problems of Nature; Researches and discoveries of G. Jaeger: H. G. Schlichter, X. 123 †
 Probyn, L. C.: Gold . . . of the world, VII. 340 †
Proceedings of R.G.S.; alteration of, II. 8; Index, IX. 218 §, 346 †
 Procida, Monte di, Italy, X. 419
 Proctor, J. G.; letter on sea route to Siberia, III. 151

PRUSSIA

- Projections, Map: see under Cartography, and Mercator
 Prokletja mts., Albania, IV. 401; XIX. 738
 Promoinoe lake, Kolgueff I., V. 100
 Prompt: Carte du Nil, du Lac Tchad, et du Congo, XIII. 574 †
 Proskowetz, M. von; biography, XIII. 570 †; XVI. 133 †; La Moravie, I. 82 †; obituary, XII. 534
 Prospector's Handbook: J. W. Anderson, VI. 103 †; XI. 209 †
 Provence—Chemins de transhumance en Provence et en Dauphiné: M. J. Fournier, XVIII. 453 †; In Provence: H. Lynch, XIV. 675 †; La Basse-Provence: M. Bertrand, XI. 447 †
 Prowse, D. W.: History of Newfoundland, VI. 196 †
 ———, G. R. F.; remarks on "Voyage of Cabot," IX. 615
Prussia (see also Germany)—
 Brandenburg-Preussens Kolonial-Politik: R. Schueck, I. 474 †
 Canaux en Prusse: H. Pasquier, XVIII. 321 †
 Geschichtliche Entwicklung des preussischen Militär-Kartenwesens: W. Stavenhagen, XVII. 206 †
 Gräberfeld bei Vitzke in der Altmark: E. Krause, VIII. 647 †
 Kaschuben am Lebasee: F. Tetzner VIII. 528 †
 Local geography in, VIII. 302
 Masuren; eine Lander- und Volkskunde: L. A. Zweck, XVII. 207 †
 Moore des Königreichs Preussen, XIV. 111 †
 Nationalities in; A. Supan's observations, IV. 562
 Ost-Preussen (map): G. Sicker, XX. 133 †
 Pässe der Sudeten: R. Fox, XVI. 243 †
 Philipponen in Ostpreussen: F. Tetzner, XIV. 577 †
 Poläben in hannoverschen Wendland: F. Tetzner, XVI. 243 †
 Polnischen Niederlassungen im Ruhrkohlenreviere: T. Kellen, XIV. 111 †
 Provinz Westpreussen und ihre Naturdenkmäler: C. Brick, XVI. 485 †
 Railways (F. O. Rep.), XX. 350 †
 Regenkarte der Provinz Ostpreussen: G. Hellman, XVI. 120 †; der Provinzen Westpreussen und Posen: G. Hollman, XVII. 545 †
 Romercastell bei Haltern an der Lippe: C. Schuchhardt, XVI. 243 †
 Quer durch Preussisch-Litauen: D. F. Tetzner, VII. 676 †
 Thätigkeit der Anseidelungs-Kommission die Provinzen Westpreussen und Posen: P. Langhans, VIII. 94, 188 †
 Volksdichte am deutschen Niederrhein: E. Ambrosius, XVIII. 454 †

PRUSSING

- Prussing: Ueber das Rutiyi-Delta, XVIII. 329, 444 §
- Prutz, H.: Gustav Hirschfeld, VII. 222 †
- Pruvot, G.: Fonds sous-marins de la région de Banyuls et du Cap du Creus, IV. 89 †
- Psalter map, XV. 140
- Pshaves, Khizanashwell on, XI. 428
- Pteropod ooze of deep seas, XIX. 694
- Pteropus of Madagascar, VII. 288
- Ptolemies, Empire of the: J. P. Mahaffy, VII. 332 †
- Ptolemy—Claudii Ptolemæi Geographia: C. Muller, XIX. 408 †; XX. 95 §; Geography of Ptolemy elucidated: T. G. Rylands, II. 381 †; III. 338 §; Geography of Indo-China, G. E. Gerini on, X. 436 §, 455 †; Maps of Middle Egypt, II. 368; Ptolemy and his works: W. F. Lynn, VII. 569 †; Voies de commerce dans la géographie de Ptolemée: P. Vidal de la Blache, X. 555 †
- Public lands and their water supply: F. H. Newell, VIII. 653 †; Utilization of vacant: E. F. Best, IX. 578 †
- Pucara, Argentina, XVIII. 585
- Puchleitner, S.: Eiszeit in den Südkarpaten, XIX. 228 †
- Pueblo Architecture, Tusayan and Cibola, Study of: V. Mindeleff, III. 73 †
- Puelo river and Cordillera, XVI. 36, 185; Erforschung des Rio Puelo: H. Steffen, VII. 101, 115 †
- Puertobello, Colombia, XVII. 350
- Puerto Cortes and Bay of Fonseca, route between, XIX. 321
- Puga: Posiciones geograficas . . . del Ayuntamiento de México, XIII. 94 †
- Puget Sound—Coalfields of: B. Willis, XIV. 341 †; P.-S. Hafen, XIX. 402 †
- Pugh's Almanac and Queensland Directory, † II. 188; VIII. 193; X. 458; XII. 636; XIV. 231; XVI. 255; XVIII. 338; Maps of Brisbane and Queensland, XII. 444 †; Brisbane and suburbs, X. 462; Map of Queensland, X. 462
- Pugrinoy river, Kolgueff L. . . V. 161
- Puig y Larraz, D. Gabriel; El Exemo. Sr. D. Federico de Botella y de Hornos, XVII. 217 †
- Puini, C.: Viaggio nel Tibet del P. I. Desideri, XVII. 549 †
- Puiseux, P.: Les montagnes de la Lune, IX. 345 †
- Puket or Tongka province, Siam, VI. 525
- Pulborough, Sussex, XV. 372
- Pullar, F. P.: biography: J. Chumley, XVII. 682 †; Sir T. Holdich on death of, XVII. 441; obituary: J. Chumley, XVII. 313
- and Sir J. Murray: Bathymetrical survey of freshwater lochs of Scotland, XV. 309*; XVI. 121 †, 246 †; XVII. 273 *
- Pumpelly, R., J. Wolff, and T. N. Dale: Geology of Green mts., VII. 216 †

PUSHT-I-KUH

- Pumriung or Chaiya, Siam, XI. 472
- Puna of Atacama: *see* Atacama; Puna or mountain sickness, XII. 487; Puna plateau, Argentina, XVIII. 583
- Punan tribe of Borneo, XI. 179
- Punchard, W. C., and J. L. Houston: La Guaira harbour works, IV. 379 †
- Punchbowl tarn, Rocky Mts., V. 58
- Puncaburu mts., New Guinea, XIX. 96
- Pungwe river, E. Africa, II. 506; V. 27; XVI. 165
- Punjab—
- Administration reports, † III. 531; V. 507; VI. 563; IX. 575; XIV. 225; XVI. 123; XVIII. 455; XX. 242
- Gazetteers—of Gujramala district, VI. 581 †; of Gurdaspur do., II. 472 †; of Peshawur Kangra and Montgomery, XVI. 577 †; of Sialkot: J. R. D. Smith, VII. 678 †
- Hill Life in Afghan and Hindu Highlands of: F. St. J. Gore, VII. 330 †
- History of: Syad Muhammad Latif, V. 507 †
- Irrigation ancient and modern: Sir J. Lyall, VII. 441 †
- Railway flood-works: R. C. Farrell, XVI. 577 †
- Tribes and land of: Sir C. Roe, XIV. 115 †, 225 †
- Punjab river, Pamirs, XIII. 443
- Punkwathale in Mähren, Burghöhle im: R. Trampler, XIII. 87 †
- Puno Province of Chucuito: D. M. Basadre, IV. 284 †
- Puntarenas, Costa Rica, X. 62
- Punta-Arenas; Lemétayer and Blanchard's studies of, I. 463
- Purari river, New Guinea; Discovery of, VII. 218; XIII. 683 †
- Purchas's account of Wiche's Land, XIV. 156
- Purdue, A. H.: on physiography of Boston mts., XX. 456; Valleys of solution in Arkansas, XVII. 662 §; XVIII. 112 †
- Purey-Cust, H. E.: Eruption of Ambrym I., New Hebrides, in 1894, VIII. 585*; (Report on), IX. 110 †; Report on under-currents in River Congo, XVI. 258 †, 349 §
- Purington, C. W.: Topographic notes on Ural mts., XVIII. 547 †
- Puritan colony, Forgotten, XIII. 682 †
- Purtscheller, L.: biography, XVI. 590 †; Aus dem Alpenkranze des Deffereggertales, XI. 307 †; Entwickelungsgeschichte des Alpinismus, etc., V. 404 †
- Purus river, Amazons, VIII. 78; XVII. 376; route from Amazons to Cuzco by way of, VIII. 517
- Purvis, J. B.: Handbook to Br. E. Africa and Uganda, XVI. 487 †
- Pushchin, N.: Caspian Sea Pilot, XI. 681 †; XII. 429 †
- Pusht-i-Kuh, Persia II. 490; VIII. 53; IX. 529; frontier line, IX. 532

PUTIATA

Putiata; explorations in Pamirs, VIII. 258

Putnam, G. R.: Field method of reducing portable transit time observations, XII. 103 †; Magnetic investigations in Harz mts., XII. 427 †; Do. on Greenland expedition, X. 124 †; on Pendulum observations in Mississippi basin, VIII. 406; Relative determination of gravity, etc., X. 233 †; Results of transcontinental series of gravity measurements, VI. 197 †; Scientific work of Boston party on Peary expedition to Greenland, XI. 205 †; Summer voyage to the Arctic, IX. 684 †

Putte, S. van de; journey in Tibet, XII. 226

Puttkamer, von: Expedition des Gouverneurs, nach den Crossschnellen, XVIII. 329 †; exploration in Kamerun, XVIII. 215

Putumayo river: *see* Iça

Putzger, F. W.: Historischer Schul-Atlas, XVI. 263 †

Pu Yuan Pen-jen race, XV. 488

Puy-de-Dôme et Vichy, Guide du Touriste, etc.: M. Boule, etc., XVIII. 321 †

Pyevtsoff, V.: Description of Lob-nor, XI. 653; Do.: E. Delmar-Morgan, II. 55 †; expedition into Tibet, IX. 546; obituary, XIX. 515

Pygmies—

African, III. 501; VIII. 225, 235, 237; XVII. 39; XIX. 24, 40

Dwarf domestic animals of: L. G. Haliburton, X. 555 †

Land of the Pygmies: G. Burrows, XIII. 215 †, 417 †

Pygmy Tribes of the Ituri: F. Stuhlmann, III. 531 †

Pygmäen in Europe und Amerika: J. Kollmann, XX. 365 †

Pygmées nègrilles d'Afrique: Le Roy, XIV. 227 †

Pyramides de Ghizeh, Environs des: R. Fourtan, XV. 438 †

Pyramids and mounds in Mexico, VIII. 150

— and temples in Sudan, Orientation of: E. A. Budge, XV. 82 †

Pyrenees, IX. 65

A travers les Pyrénées: E. Labrousse, XVII. 546 †

Cartographie des Pyrénées espagnoles: Comte d'A. de Saint Sand, IX. 458 †

Dans les Pyrénées espagnoles: G. Saint-Yves, IX. 574 †

Déboisement dans les Pyrénées: Guénot, IX. 335 †; XI. 447 †

Développement de la connaissance géographique de la chaîne: P. C. D'Almeida, II. 277 †; III. 52 §

Excursion to Pyrenees in connection with Eighth International Geological Congress: F. D. Adams, XVIII. 103 †

QUEBEC

Pyrenees—continued.

Ferro-carriles del Pirineo: E. Jiménez y Lluerna, VII. 677 †

Futures voies ferrées des Pyrénées centrales: A. Paringaux, V. 178 †

Geological study of: E. de Margerie and F. Schrader, I. 374 †

Hiatus et lacune: E. Piette, VIII. 647 †

High Pyrenees: H. Spender, XII. 625 †;

XVI. 362 †

Inondations de 1897 et les effets du débaissement des Pyrénées: M. S. Guénot, XVI. 362 †

Lacs des Pyrénées-orientales: A. Delebecque et E. Ritter, XIII. 88 †, 656;

Quelques lacs des Pyrénées: Id., XIV. 112 †

Mode de formation des Pyrénées: P. W. Stuart Menteath, IX. 233 †

Mountain observatory in, X. 536

Orientation de la chaîne des Pyrénées: P. Dognon, XII. 92 †

Percement des Pyrénées centrales: Comte G. de Contenson, XI. 566 †

Plateau de Lannernézan au glacier des Gours-Blancs: E. Belloc, IX. 335 †

Pyrénées souterraines: A. Vire, XIII. 88 †

Recherches, etc., dans les Pyrénées centrales: E. Belloc, VII. 109 †

Structure of: F. Schrader and E. de Margerie, III. 158 †; IV. 366 §

Sur l'étendue des glaciers des Pyrénées: F. Schrader, VII. 109 †

Vorland der Pyrenäen: J. Früh, XVIII. 227 †

Pytheas discoverer of Britain: Sir C. R. Markham, I. 504 *

Q.

QUANG BINH, Géographie historique du: R. P. Cadière, XX. 242 †

Quarantine from a ship-master's point of view: W. G. Romeril, XII. 548 †

Quarré-Reybourbon, L.: Manuscript géographique du XVIII^e siècle, XIX. 533 †; Plans anciens et modernes de la ville de Lille, XVIII. 454 †

Quarto catchment area, X. 480; crater, X. 427; valleys, X. 486

Quebec, town and province—

Dock and harbour works at: W. Pilkington, XVI. 125 †

Indexed pocket map: Rand, McNally & Co., VII. 451 †

Notes de voyage dans un coin perdu du Canada: G. N. Trioche, XI. 454 †

Province, R. Bell's work in, VII. 413; R. W. Ellis, IX. 107 †

Reports of Commissioner of Crown Lands, VII. 444 †

Surface geology and auriferous deposits: R. Chalmers, XIV. 683 †

Topographical work in, X. 624

QUEDAH

Quedah: *see* Kedah

Queen Charlotte Is., Haidahs of: J. Campbell, XIV. 119†

Queen Moo and Egyptian Sphinx: A. Le Plongeon, VIII. 535†

Queen Victoria desert, Australia, XI. 263

Sea, Franz Josef Land, VIII. 552; IX. 485

Queen's river moraine in Rhode I.: J. B. Woodworth and C. F. Marbut, VIII. 654†

Queensland—

Aboriginal cave drawings on Palmer goldfield: R. L. Jack, VIII. 193†

Artesian wells, XIX. 564; Artesian water in Western interior of Queensland: R. L. Jack, VI. 198†, 394†; Do. in State of Queensland: R. L. Jack, XX. 248†, 672†

Census, I. 570†

"Clarion," ed. R. Bedford; Queensland number, XX. 361†

Did de Quiros land in Queensland? Card. Moran and W. T. F. Bevan on, XVI. 479, Do.: W. T. F. Bevan, XVI. 494†; *see* Quiros

Directory for 1893: R. Golwala, II. 592†

Divisions of Queensland aborigines: R. H. Mathews, XIV. 231†

Early days of present colony, Reminiscences: D. Forbes, XIX. 237†

Early exploration on the Logan, etc.: R. M. Collins, XIV. 122†

Ethnological studies among . . . aborigines: W. E. Roth, XII. 214†

Floods in: H. O. Forbes, I. 239*; Hon. A. C. Gregory's observations, II. 370

Garden of Queensland: E. Evans, XV. 671†

Geological features of country between Warren and Mt. Lion: B. Dunstan, XVI. 586†

observations (N.W.): W. E. Cameron, XX. 562†

survey, Reports, † VII. 116, 320; XIII. 684; XX. 129; Index to names of places, mines, etc., XIX. 531†

Geology of country round Stanthorpe, etc.: S. Sketchly, XIV. 122†

Gladstone colony in, XI. 571†, 670

Gold mines at the Fanning and Mount Success, Report: W. H. Rands, XIII. 684†

Great Queensland winter pleasure trip: J. Berry, XVII. 454†

Greater Britain Exhibition, Catalogue of exhibits, XV. 670†

Guide to: G. S. Rutledge, XIV. 686†

Information relating to Queensland and its resources, XV. 670†

Intercolonial water rights in, XIX. 760

QUEENSLAND

Queensland—*continued.*

International catalogue of scientific literature: J. Shirley, XV. 300†; Notes on, XV. 447†; Reply to: J. Shirley, XVI. 375†

Letters from Queensland: *The Times* special correspondent, II. 92†

Map (Survey Dept.), XIII. 102†; Geological map: R. L. Jack, XIV. 469†; Queensland and Br. New Guinea, IV. 478†

Marine surveys on coast, IX. 657

Meteorology of: C. L. Wragge, X. 231†

Mineral resources, XX. 562†

Mines, Annual report of Under-Secretary for, XX. 672†; Department of mines, Report: R. L. Jack, XIII. 326†

Mining Court of Exhibition, Catalogue of exhibits: R. L. Jack, XI. 456†

Moravian Missionaries' explorations, X. 98

More common diseases in: D. Hardie, II. 475†

Mt. Kosciuszko observatory and allied stations: C. R. Wragge, XX. 562†

Narrative of G. Pennefather's explorations: A. J. Boyd, IX. 243†

N. Queensland ethnography, games, etc.: W. E. Roth, XX. 471†

Panoramas of Nature . . . in S. Queensland: H. R. Maguire, XIX. 237†

Photographs of Queensland and New Guinea: R. E. Guise, XII. 552

Pugh's Almanac and Directory, † II. 188; VIII. 193; X. 458; XII. 636; XVIII. 338; XVI. 255; Maps, † VIII. 95; X. 462; XII. 444

Queenly Colony, A.: Pen sketches, etc.: W. H. Traill, XX. 361†

Queensland: Sir H. W. Norman, IX. 465†; J. P. Thomson, XI. 204†

at beginning of century: W. H. Traill, XIX. 659†

past and present: T. Weedon, XI. 102†

Queensland's progress: Sir H. Tozer, XIII. 684†

Rains, observations on, I. 554

R.G.S. of Australasia, Queensland Branch, Anniversary address to: Sir H. M. Nelson, XVII. 214; Do.; Historical Review: A. Muir, IX. 687†; XI. 209†; Medals of, XVI. 568; XX. 661

Social and individual nomenclature in: W. E. Roth, XII. 636†

S. E. highlands of: R. M. Collins, XI. 204†

South Sea islanders and labour trade: W. T. Wawn, III. 75†

Surveyor-General, Report, XIV. 122†

Travel and adventure in N. Queensland: A. C. Bicknell, VII. 336†

QUEENSLAND

Queensland—continued.

- Water supply: Henderson, XI. 102 †, 438 §
 Weather Bureau, XX. 545
 Year-book, XX. 129 †
 Queirel, J.: Voyage de San Javier au Chutes du Mocana, III. 535 †
 Quelch, J. J.: Journey to summit of Roraima, VI. 584 †
 Quelimane: *see* Kilimane
 Quetta—Journey from, to Meshed *via* Nushki-Sistan trade route: Earl of Ronaldshay, XX. 70 *; E. Penton, XX. 80 *; Photographs: F. Bremner, X. 660
 Quevedo, S.A.L.: El Barco y Santiago del Estero, XVI. 126 †; *Lenguas argentinas*; Idioma Abipon, XI. 99 †; Los Lules, VI. 393 †; *Notas Arqueologicas* . . . objeto de arte indigena, VII. 444 †; Ojos de Inaymana y el señor de la Ventana, XVI. 127 †; XVII. 453 †; *Progresos de la Etnologia en el Rio de la Plata*, XVI. 126 †; "Sebastian Gaboto" de H. Harrisse, XVI. 131 †; *Tesoro de Catamarqueños*, VI. 393 †
 Quicke, F. C.: Explorations in Marotse-land and neighbouring regions, supplementary journeys, XVII. 129 *; journey in Zambesi region, XV. 64; obituary, XVIII. 628
 Quiévreux, H.: Pêche des perles au Venezuela, XVII. 95 †
 Quijarro, A.: Cuestion de limites entre Bolivia y el Paraguay, XIX. 529 †; *Territorios del Noroeste de Bolivia*, I. 281 †
 Quijarro port, Bolivia, XIX. 67
 Quilimane: *see* Kilimane
 Quillentes and Quinault tribes, XIV. 96
 Quilnes, ancient town of, Argentina, XVIII. 587
 Quinton, R.: Le refroidissement du globe, IX. 563 §, 582 †
 Quiroga, A.: La Cruz en America (Arqueologia Argentina), XIX. 402 †
 Quiros, De—Authorities for voyage, XX. 204; Did de Quiros land in Queensland? W. T. Bevan, XVI. 479, 494 †; Note on identification of La Sagittaria: W. J. L. Wharton, XX. 207 *; Report on identification of bay of San Felipe and Santiago, XX. 201 *; Was Australia discovered by? Card. Moran, XVI. 479; XIX. 377 §, 530 †
 Quiros, P.: Hallazgos de Villaricos, etc., XII. 538 †
 Quito—
 Arc of meridian, remeasurement, XIV. 323; Mesure de l'arc, XVI. 585 †; Opérations: R. Bourgeois, XX. 343 §, 360 †; Projet de révision: A. Poincaré, XVI. 356 §, 491 †; Reconnaissance: E. Maurain, XVI. 356 §, 491 †
 Climate of: J. Hann, II. 280 †
 Six mois d'observations météorologiques à: F. Gonnessiat, XVIII. 336 †

RADDE

R.

- RABAH, Chute de l'Empire de: E. Gentil, XX. 356 †; Rabeñ und das Tschadsee-gebiet: M. von Oppenheim, XX. 668 †
 Rabe, J. K.: Das Erdbeben von Owens valley in California, XIII. 565 †
 —, R.: Russlands Meeresporten und seine Etappenstrassen nach Indien und Ostasien, XVII. 318 †
 Rabeñ: *see* Rabah
 Rabino, J.: Economist's notes on Persia, XVIII. 549 †
 Rabot, C.: A travers la Russie boréale, IV. 186 †; Conflit chilo-argentin, XVIII. 112 †; Expedition to Jan Mayen and Spitzbergen, I. 171; Exploration dans la Russie boréale, I. 82 †; Explorations arctiques en 1896, IX. 344 †; Do. dans l'Océan glacial arctique, IV. 380 †; Les glaciers et les phénomènes glaciaires, XX. 363; Jan Mayen et le Spitzberg, III. 75 †; Limites d'altitude forestières dans la Scandinavie, IX. 336 †; Limites des glaces flottantes autour du Spitzberg, etc., IX. 581 †; Précurseur de Nansen au XIV^e siècle, XV. 197 †; Projet d'exploration aéronautique, VI. 585 †; Revue de limnologie, XIX. 407 †; Sur les glaciers du Spitzberg, II. 189 †; Terre de Feu d'après le Dr. O. Norden-skjöld, XX. 360 †; Trois voyages de W. Barents, XII. 330 †; Variation in length of glaciers, XIX. 194; Variations des glaciers arctiques, XI. 204 †; Do. dans la région arctique, X. 652 †
 Races of Man: *see* Ethnology
 Racovitza, E. G.: Expéditionneua Antaretica Belgiana, XVIII. 237 †; Résultats généraux de l'expédition antarctique belge, XV. 443 †, 539 §; Vie des animaux et des plantes dans l'Antarctique, XVI. 492 †
 Radcliffe, Delmé: *see* Delmé Radcliffe
 Radcliffe Observatory, Oxford; Astro-nomical and meteorological observations, VIII. 414 †; XV. 190 †; Results of meteorological observations: A. A. Ram-baut, XX. 241 †
 Radde, G.: Aus den asiatischen Tropen, IX. 237 †; Besuch auf Buton und Süd-Celebes, VII. 563 †; Besuch in Amboina, VIII. 416 †; Besuch von Mangkassar, VIII. 309 †; Biography, XV. 674 †; Eine Woche in Ceylon, VII. 562 †; Expedition to Caucasus, I. 455; V. 77; Journey in Kuban district, II. 457; Grundzüge der Pflanzenverbreitung in den Kaukasusländern, XVI. 123 †; Karte des nordwestlichen Kaukasus, IV. 476 †; Karte des nordöstlichen Kaukasus, VII. 225 †; Neujahrsfahrt in das Talyser Tiedland, V. 506 †; Sammlungen des Kaukasischen Museums, XVI. 366 †; XX. 354 †; Zwei Fahrten

RADDE

- in das Mittelmeer, XI. 565 †; XII. 537 †
- Radde, G., and E. Koenig: Nordfuss des Daghestan, VII. 327 †; Ostufer des Pontus und seine kulturelle Entwicklung, IV. 469 †
- und J. Korschin: Karte der transkaspischen Gebiete, XII. 644 †
- Radet, G.: En Phrygie, VII. 329 †
- Radford, W. J.: Journey up the Juba, XIV. 637 †; XV. 297 †
- Radiolarian ooze of deep-sea deposits XIX. 694, 697, 710
- Radiof, P.: Les voyageurs et les images, XV. 676 †
- Radlinski, J.: Peuplades du nord-est de l'Asie, XIII. 214 †
- Radloff, W.: Atlas der Alterthümer der Mongolei, XVII. 446 †
- Radmore, J.: honour to, VII. 556
- Radstädter Tauern, Gebirgsbau der: F. Frech, IX. 572 †
- Radtsig, A.: Influence of railways on agriculture, etc., XII. 105 †
- Rae, J.: biography, IV. 70; IX. 115 †; monument to, II. 557; obituary, II. 275
- Rafai: Deux années . . . chez le Sultan: C. de la Kéthulle, VII. 331 †
- Raffard, H.: Jubileu de Petropolis, IX. 464 †
- Raffelsberger, E.: Niederösterreichische Waldviertel, IX. 102 †
- Raffles, Sir S.: biography: H. E. Egerton, XVI. 590 †; Life of: D. C. Boulger, XI. 305 §, 323 †
- Ragnvald Jarl*, loss of, IV. 178, 275
- Ragundadalens, Geologi om: A. G. Högbom, XIV. 676 †
- Rahir, E.: Curiosités de la commune de Furfooz, XVIII. 546 †
- Raian: *see* Rayan
- Raiatea, L'expédition de, XII. 215 †; Raiatea la sacrée: R. Huguenin, XX. 361 †
- Railways (*see also under special countries*)—
- Influence of, on agriculture, etc.: A. Radtsig, XII. 105 †
- Mass für die Dichte der Eisenbahn-Netze: Böttcher, XVII. 97 †; do.: L. Henkel, XVI. 129 †
- Mileage of World in 1890: H. C. Adams' bulletin, II. 69
- Surveying with tachometer: H. G. Dempster, XVI. 256 †
- Raimondi, A.: Itinerario de los viajes del, † IX. 242, 683; XI. 100; XIII. 683; XIV. 585; Journeys in Bolivia, XVIII. 147; Labor de Raimondi: J. Batta, XV. 669 †; Mapa del Peru, † VII. 121; IX. 119, 691; X. 561; XVI. 263; XX. 568
- Rain—**
- Beiträge zur Kenntnis des tropischen Regens: J. Wiesner, IX. 112 †, 567; Do. tropischer Regenverhältnisse: J. Hann, XVII. 563 †

RAIN

Rain—continued.

- Distribution des pluies à la surface de la terre: A. Souleyre, XV. 89 †
- Distribution of, over British Isles: G. J. Symons and H. S. Wallis, XII. 627 †; XIV. 678 †
- of rainfall over the land: A. J. Herbertson, XVII. 653 †
- in N.W. Germany: P. Moldenhauer and O. Rubel's observations, VIII. 394
- Diurnal range of rain, etc.: R. H. Scott, XVI. 121 †
- Drought-intensity, Determinations of: G. H. Knibbs, XVI. 588 †
- Herkunft des Regens: E. Brückner, XV. 444 †
- How Nature regulates rains: R. L. Fulton, VII. 683 †
- Influence of rainfall on commerce and politics: H. H. Clayton, XIX. 512 §, 533 †; Do. on commercial development: J. W. Redway, XVII. 452 †
- Maps, VIII. 414; Do., pictorial: H. C. Russell, IV. 89 †; Verteilung der mittleren jährlichen Regenmenge: A. Supan, XII. 444 †
- Monthly and annual, in British Empire: J. Hopkinson, XII. 331 †
- rainfall over land surface of globe: A. J. Herbertson, XIV. 688 †; XV. 89 †
- Ocean rainfall by rain-gauge observations at sea: W. G. Black, IX. 112 †; XIV. 465 †
- Prolonged deficiency of rain in 1897 and 1898: F. J. Brodie, XV. 78 †
- Precipitation on Mountain Slopes, Theory of formation: F. Pockels, XVIII. 647 †; XIX. 192 §
- Rain-storm in C. England, XVII. 186
- Rainfall and lake levels: R. F. Stupart, IX. 107 †
- and rivers in Austria, XI. 191 †
- in Bohemia, IX. 563
- in Centr. Rhine Provinces; P. Polis on, XV. 641
- in India: J. E., X. 228 †
- in Lake District, XIII. 426
- in S. Africa: A. Buchan, XI. 570 †
- in W. Africa, XV. 420
- in W. Europe, A. Angot on, X. 634
- observations, XVIII. 420
- of Seathwaite; W. Marriott's observations, XI. 663
- types in U.S.A.: A. W. Greely on, II. 369
- Recherches sur . . . l'atmosphère, II. La pluie: H. H. Hildebrandsson, XVI. 234 §, 257
- Relation of rainfall to mountains: W. H. Alexander, XVIII. 341 †

RAIN

Rain—continued.

- Solar changes of temperature and variations in rainfall: Sir N. and W. Lockyer, XVII. 216 †
- Suggestions for depicting character of seasons as regards rainfall: H. Deane, XVI. 588 †
- Verteilung des Niederschlags auf der festen Erdoberfläche: A. Supan, XIII. 61 §
- Rainaud, A.: "Bretagne" de Rutimeyer, XII. 426 †; Le Continent austral, IV. 475 †; La Crau, I. 278 †; Note sur la division des Alpes franco-italiennes, XII. 425 †; Pentapole cyrénéenne et la colonisation, VII. 113 †; Quid de natura . . . Cyrenaica Pentapolis antiqua monumenta . . . tradiderint, IV. 377 †
- Rainier, Mt., XII. 557; P. B. van Tromp and E. T. Parsons, XVII. 324 †; Flora of: C. V. Piper, XVIII. 335 †; Geology: G. O. Smith, XVII. 324 †; Glaciers: Russell and Smith, XIV. 341 †
- Rainy lake, etc., surveys, X. 627; Gold region, report: H. V. Winchell and U. S. Grant, VII. 334 †
- Raised Beaches in N.W. Russia: L. N. Zvyerintseff's study of, IX. 567; of N.E. of Ireland: R. L. Praeger, IX. 459 †; of Forth valley: D. B. Morris, IX. 459 †
- Raisin, C. A.: Notes on geology of Perim I., XX. 243 †; Perim I. and its relations to area of Red Sea, XX. 243 †; Report on geology of Sierra Leone, II. 460
- Raj-hoti valley, XV. 407
- Rajna, M.: Unificazione del Calendario, XIV. 586 †; Appendice, XVI. 257 †
- Rajputana—
- Currencies of: W. Webb, II. 562 †
- Separation of Banswara from Dungarpur State: M. V. Pandia, XI. 312 †
- Western States: A. Adams, XV. 192 †
- Rakapushi mt., Himalayas, II. 294; V. 414; VIII. 20; XX. 578
- Rakas-Tal and Manasarowar lakes, Narrative of journey to: Sir R. Strachey, XV. 150 *, 243 *, 394 *: Rakas-Tal und Manasarowar: H. Singer, XVI. 576 †
- Rakipushi: see Rakapushi
- Ratishasas, Lake of, XV. 259
- Ralam village, Tibet, XV. 151
- Raleigh, Sir W.; biography: A. S. Hume, X. 655 †; Karte von Guayana um 1595: L. Friederichsen, I. 167, 190 †
- Ramann, E.: Einfluss des Klimas auf die Verwitterung . . . und Pflanzenformation in Europa, XX. 119 †; Vorkommen klimatischer Bodenzonen in Spanien, XX. 240 †
- Ramannadesa, Archæological tour through: Tau Sein-ko, III. 70 †

RANCE

- Rama's exile, geography of: F. E. Par-giter, III. 530 †
- Ramaseedra, or vocabulary of language used by Thugs, II. 383 †
- Ramathaim-Zophim: C. Schiek, XII. 209 †
- Rimbaud, A.: La France coloniale; Histoire, géographie, commerce, I. 380 †
- , P.: Voyage au Sénégal, XVIII. 109 †; see Lasnet
- Rambaut, A. A.: Orbit of part of Leonid stream, etc., XV. 447 †; Results of meteorological observations at Radcliffe Observatory, XX. 241 †; Underground temperature at Oxford, XVII. 208 †
- Ramble round the globe: T. R. Dewar, V. 188 †
- Ramgul Kafirs, IV. 202
- Ramie—La Ramie, son aire de végétation et son industrie: C. Revière, XVIII. 241 †; Ramiefäser und die wirtschaftliche Bedeutung der Ramiekultur: A. Schulte, XIV. 234 †
- Ramishk, Persia, XIX. 131
- Raml, Wadi, Tripoli, VII. 151; X. 629
- Rampur coalfield, Report: G. F. Reader, XIX. 653 †
- Ramsauer, F.: Berechnung der Schweite, XIII. 685 †
- Ramsay, Sir A. C.; biography: Sir A. Geikie, V. 400 †; Glacial origin of lakes, I. 481; Physical geology and geography of Great Britain, IV. 280 †
- , H.: Astronomical observations in Tanganyika region, XIV. 321; Astronomische Ortsbestimmungen des, auf der Reise von Kisaki nach Dar-es-Salam, VI. 488 †; Bericht der Südkamerun-Hinterlandsexpedition, III. 161 †; Expedition . . . der Gesellschaft Nordwest-Kamerun, XVIII. 329 †; Expedition in Germ. E. Africa, IX. 326; XI. 299; XIII. 71; XVIII. 215
- , J.: Mushkaf-Bolan railway, X. 339 †
- , W.: Fragen um det senglaciala . . . Finland, IX. 678 †; Geologie der Halbinsel Kola, XV. 547 †; Ueber die geologische Entwicklung der Halbinsel Kola in der Quartärzeit, XIX. 767 †
- , W. M.: Cities and Bishoprics of Phrygia, VI. 294 †; VII. 190 §; IX. 459 †; Geographical conditions determining history and religion in Asia Mi., XX. 257 *
- , Mrs. W. M.: Through Cilician Gates to Tarsus, XI. 566 †
- Ramses II., La découverte du Temple de, à Antinöe: A. Gayet, X. 551 †
- Ramu; Lauterbach's and Tappenbeck's explorations of, XII. 81; see New Guinea, German
- Rance, C. E. de: County Councils map of river-basins, etc., I. 475 †; letter on depths of English lakes, II. 376; on submerged rock-valleys, XI. 431

RANÇON

- Rançon, A.: Bondou; Etude de géographie et d'histoire soudaniennes, IV. 577 †; V. 182 †; Flore utile du bassin de la Gambie, VII. 564 †; L'île de MacCarthy, I. 280 †; Pénétration au Soudan, II. 187 †
- Rancourt, E. de: Notes sur le Brésil et la République Argentine, XVII. 558 †
- Rand, McNally & Co.: Indexed County and Township pocket map of Arizona, etc., XVIII. 348 †; of Br. Columbia, XVIII. 558 †; Do. and Quebec, VII. 451 †; of Cuba, XIX. 246 †; of Florida, XIX. 247 †; of Hawaiian Is., XIX. 537 †; of Idaho and Georgia, XIX. 537 †; of Illinois, XIX. 787 †; of Iowa, XX. 254 †; of Louisiana, XX. 680 †; of U.S., † II. 572; III. 354, 442, 540; IV. 192, 275, 478, 583; VII. 451; Sectional map of Cherokee Outlet, II. 572 †
- Randall-MacIver, D., and A. Wilkin: Libyan notes, XVIII. 231 †, 305 §
- Rands, W. H.: Mt. Cannindah copper and gold deposits, XI. 204 †; Queensland; Croydon goldfield, XI. 456 †; Report on Eidsvoll goldfield, XI. 320 †; Report on gold mines at the Fanning and Mt. Success, XIII. 684 †; Report on Horn Island goldfield, XI. 456 †; Report on Leichhardt goldfield, etc., VII. 218 †
- Ranganat plateaux, E. Africa, IV. 296
- Busi, E. Africa, IV. 410
- Ndari, E. Africa, IV. 422
- Rang Kul, C. Asia, II. 394; III. 117; VIII. 35, 104, 106
- Ranke, J.: Erinnerung an die vorge-schichtlichen Bewohner der Ostalpen, XVI. 242 †
- Rankin, D. J.: Discovery of Chinde entrance to Zambesi, I. 377 †; Prospecting for gold, XX. 131 †; Zambesi basin and Nyassaland, II. 564 †; III. 499 §
- Ransome, F. L.: Eruption rocks of Point Bonita, IV. 378 †; Geology of Angel I., V. 183 †; Report on economic geology of Silverton Quadrangle, Colorado, XX. 670 †; Some lava-flows . . . of Sierra Nevada, XII. 213 †
- Raritan Bay and Delaware, Canal between, VII. 554
- Rarotonga, Cook Archip., VIII. 401; Rarotonga of to-day: J. Hutchin, XI. 204 †
- Rasak, Makran, VII. 402
- Ras-el-Kheima, Oman, XIX. 57
- Ras-el-Tabia or Magro, IX. 627, 632
- Raseri: Carta . . . infezione malarica nel Regno d'Italia, VI. 194 †; Popolazione del Regno d'Italia, XIX. 228 †
- Rask, ancient town of, VII. 671
- Raskem-darya, C. Asia, II. 62; VII. 197
- Rassam, H.: Biblical lands, their topography, etc., XII. 209 †; Tigris-Mesopotamian railway and India, XI. 92 †

RAVENSTEIN

- Rat, J. N.: Carib language as spoken in Dominica, XI. 203 †
- Ratard, L.: Archipel Hawaïen, I. 471 †
- Ratburi, Siam, VI. 404
- Rateau, M.: Cloches sous-continentales, II. 477 †
- Ratelstein en Styrie, Caverne de: C. Héréus, XIV. 221 †
- Rathbone, E. P.: Goldfields of Ontario and Br. Columbia, XI. 454 †
- Rathborne, A. B.: Camping and tramping in Malaya, XII. 629 †
- Ratzel, F.: Alpen inmitten der geschichtlichen Bewegungen, IX. 335 †; Anthropogeographie, XIV. 124 †; Anthropogeographische Beiträge, VI. 586 †; Biography, II. 282 †; Corse; Etude anthropogéographique, XIV. 453 †; XV. 58 §, 434 †; Deutschland, Einführung in die Heimatkunde, XIII. 555 †; Erde und das Leben, XIX. 242 †, 500 §; Geographische Methode in der Ethnographie, X. 239 †; Gesetze des räumlichen Wachstums der Staaten, VIII. 195 †; History of mankind, VII. 118 †; XIII. 569 †; Irrigation value of snow in N.W. America, I. 358; Kant-Laplacische Hypothese und die Geographie, XIX. 406 †; Korsische Städte, XIV. 577 †; Lage im Mittelpunkt des geographischen Unterrichtes, XV. 448 †; XIX. 241 †; Politische Geographie, XI. 459 †; XIII. 171 §; (Do.: H. Hertzberg), XIII. 99 †; Politisch-geographische Rückblicke, XI. 564 †; XII. 93 †, 105 †; Ursprung der Arier in geographischen Licht, XIX. 409 †; Vereinigten Staaten von Amerika, IV. 378 †; Wasser in der Landschaft, XX. 130 †; work in U.S.A., VI. 452; Zeit-förderung in den Entwicklungswissenschaften, XX. 252 †; Zur Küstenentwicklung, VI. 199 †
- Rauriserthal . . . seiner Geschichte und Kultur: P. A. Ebner, IX. 676 †
- Ravasanja river, IX. 376
- Raveneau, L.: Bibliographie géographique annuelle, XVI. 591 †; XVIII. 556 †; Chine économique, etc., XIII. 453 †; Travaux des Russes dans l'Asie septentrionale, XIII. 321 †
- Ravenstein, E. G.—
- Anglo-French boundaries in W. Africa, XII. 73 *
- Benue and Anglo-German treaty of November 15, 1893, III. 42 *
- Climate of tropical Africa, VI. 385 §; XI. 70; XII. 378; XIII. 559 †; XIV. 226 †, 547; XV. 420; XVI. 249 †; XVII. 552 †; XVIII. 509
- Garstin's report . . . on Upper Nile, XVIII. 398 *
- Italian explorations in upper basin of Jub, III. 134 *
- Journal of first voyage of Vasco da Gama, XII. 20 §, 219 †

RAVENSTEIN

Ravenstein, E. G.—*continued*.

- Lake Level of Victoria Nyanza, XVIII. 403 *
- Letter on determination of longitude by photography, II. 557; on Waltze-müller's globe of 1507, XX. 462
- Map of Indian Empire, XVII. 100 †
- Martin de Bohemia (Martin Behaim), XVI. 590 †; XVIII. 509; XX. 250 †
- Medal awarded to, XIX. 629, 648; XX. 115
- Obituary of A. d'Abbadie, IX. 569; of Sir S. W. Baker, III. 152; of V. L. Cameron, III. 429; of G. Rohlf's, VIII. 184; of J. Thomson, VI. 289
- Philip's Handy Volume Atlas of the world, VI. 299 †; XVII. 101 †; Systematic Atlas, III. 355 †; VI. 298 †
- Recent explorations in S.E. Congo Basin, I. 223 *
- territorial arrangements in Africa, IV. 54 *
- Remarks on "Ancient kingdom of Kongo," XIX. 558; on "Expedition up Jub river," I. 222; on "Expedition . . . to Lake Rudolf," VIII. 238; on "Expedition to Borgu," VI. 226; on "Expedition to Ruwenzori and Tanganyika," VI. 322; on "Explorations in Marotseland and neighbouring regions," XVII. 133; on "From Somali coast . . . to Sudan," XX. 399; on "Influence of geographical conditions," etc., XII. 586; on "Journey to summit of Mt. Kenya," XV. 479; on "Journeys in Marotse and Mashikolumbe countries," IX. 148; on Limits between geology and physical geography, II. 527; on "Proposed geographical description of British Is.," VII. 359; on "Road-making and surveying in Br. E. Africa," XIV. 291; on "Pre-Columbian discovery of America," V. 233; on "Travels and researches in Rhodesia," XIII. 394
- Report on meteorological observations in Br. E. Africa, IV. 470 †
- Researches on distribution of relative humidity, XVI. 446
- Strange adventures of Andrew Battell, XIX. 745 §, 772 †
- Voyages of Diogo Cão and Bartholomew Dias, XVI. 625*; XVII. 455 †
- Ravenstein, H.: Karte der Schweizer Alpen, X. 658
- Raverty, H. G.: Hinná as remedy for scurvy, I. 367; Independent Afghan or Patan tribes, III. 530 †; Kafiristan and Kafiri tribes, IX. 338 †; letter on Sijil-masiyah and Taflet, VI. 189; on discovery of Swat river, VIII. 525; on geographical terms "Tirah" and "Afghanistan," XIII. 83; Mihran of Sind and its tributaries, I. 375 †; XI. 311 †, 432 §; Notes on Afghanistan, I. 162 §;

RECLUS

- VII. 547; Tibbat three hundred and sixty-five years ago, VI. 485 †
- Ravier, S. L.: Théorie géométrique de compas de marine, XIII. 101 †
- Ravines—Ravins sous-lacustres des fleuves glaciaires: A. Delebecque, IX. 583 †
- Rawak Stupa, ruins at, XX. 606
- Rawalpindi, district, Gazetteer, VII. 441 †
- Rawlinson, Canon; obituary, XX. 549
- , Sir H. C.: biography, † VI. 397; VII. 119; XV. 447; Memoir: G. Rawlinson, XI. 689 †; XII. 528 †; method of geographical research, VI. 9; Notice sur: H. Cordier, VII. 119 †; obituary, V. 490
- Rawlinson Sound, Franz Josef Land, III. 494
- Rawson, H. E.: Anticyclonic systems and their movements, XII. 638 †
- , Sir R. W.: Ocean highways, Approaches to U.K., III. 436 †; remarks on President's Address, IV. 82; Westport harbour, New Zealand, XIV. 464 †
- Ray, S. H.: remarks on "Anthropogeography of Br. New Guinea," XVI. 440; Texts in languages of Bismarck Archipelago, VII. 218 †
- and A. C. Haddon: Languages of Torres Straits, IX. 465 †
- Ray Lankester: *see* Lankester
- Rayan, Wadi, I. 56; IV. 182; note by Schweinfurth on salt in, IV. 377 †
- Rayner, J. A.: Trip in French Ardennes, IV. 468 †
- Raymond, P.: Rivières souterraines de la Dragonnière et de Midroï, X. 646 †
- Reale, C.: Cordone litoraneo presso Ispra sul Lago Maggiore, X. 452 †
- Realm of Nature: H. R. Mill, V. 184 †
- Reban, Wadi, Arabia, XII. 55
- Rebello, J. J. de B.: A edade de Affonso de Albuquerque, X. 234 †
- Rebeur-Paschwitz, E. L. A. V.: (biography): G. Gerland, IX. 468 †; Horizontalpendel-Beobachtung, VII. 219 †; Vorschläge zur Errichtung . . . Erdbeben-Stationen, VII. 220 †
- Rebhann, A.: Wachstum der Bevölkerung in Oesterreich-Ungarn, XVIII. 546 †
- Read, C. H.: remarks on "Fourth journey in Persia," XIX. 170
- Reber, R.: Erdkrümmung und Refraktion, III. 537 †
- Recherche Bay, Spitzbergen, VI. 549; XIV. 61
- Reclus, E.: A great globe, XII. 401*; (Ein grosser Globus), XIII. 327 †; Attila de Gerardo, XI. 689 †; Chine et la diplomatie européenne, XVII. 320 †; Colombia, trs. F. J. Vergara, IV. 379 †; East and West, IV. 472 †; Enseignement de la géographie, XVII. 682 †; Evolution of cities, VI. 200 †; Extrême-Orient, XIII. 453 †; Hégémonie de l'Europe, IV. 374 †, 465 §; letter on

RECLUS

- canal and port of St. Louis-du-Rhône, IV. 574; medal awarded to, III. 420; IV. 78; Nouvelle géographie universelle, I. 187 †; III. 164 †; IV. 158 §; Do. (M. Reclus and), VI. 397 †; On origin of name of Sierra Leone, IX. 558; Perse, XIV. 225 †, 335 †; Phénicie et les Phéniciens, XVI. 124 †, 259 †; Progress of mankind, IX. 345 †; Projet de . . . globe terrestre à l'échelle du cent-millième, VII. 117 †.
- Reclus, E. and O.: L'Afrique australe, XVIII. 331 †; L'Empire du milieu, XIX. 768 †
- , E., and R. de Olascoaga: Paraguay, VII. 565 †
- , O.: Le plus beau royaume sous le ciel, XIV. 330 †
- Reclus-Guyon, G. P.: School Orrery, XVII. 456 †; *see* Guyon
- Reculver, position of, IX. 432
- Red clay, XIX. 694, 705, 708
- Red Lake region, Keewatin; Dowling's surveys in, VIII. 299
- River (Canada)—Physical geography of Red River valley: D. B. Dowling, XIX. 774 †; XX. 454 §; Worthies of Old Red River: G. Bryce, IX. 107 †
- (Tongking), XIV. 381; Navigabilité du fleuve Rouge: L. Escande, VI. 486 †
- , or Ma Chu, Tibet, IX. 216
- Red Rock Country, Cliff villages of: J. W. Fekes, XI. 97 †
- Creek and lakes, IX. 328
- Red Sea—**
- Admiralty surveys, XIV. 85
- Berichte der Commission für oceanographische Forschungen; Rothen Meere, XX. 130 †
- Chemische Untersuchungen in der nördlichen Hälfte des Rothen Meeres: K. Natterer, XII. 329 †
- Currents in: W. H. Hood, VII. 221 †
- Delimitation of Franco-Italian frontier on, XVII. 529
- Deutsche Kohlenstation im Rothen Meere: K. von Bruchhausen, XIX. 106 †
- Hydrographische Forschungen im Rothen Meere, X. 460 †
- Meteorological charts, VI. 108 †
- Mikroskopischen organismen: E. Gräffe, XI. 322 †
- Morfologia e genesi del Mar Rosso: A. Issel, XVIII. 239 †
- Oceanographische Forschungen im Rothen Meere, XIV. 233 †
- On either side of the Red Sea: E. N. Buxton, VI. 487 †
- Origine et formation de la Mer Rouge: A. Issel, XVI. 589 †
- Passage of, by Israelites: A. B. Tulloch, VIII. 310 †
- Pelagische Thierwelt des Rothen

REFRACTION

Red Sea—continued.

- Meeres: A. Stener, XI. 322 †; XIII. 98 †
- Physikalisch-oceanographischen Untersuchungen im Rothen Meere: J. Luksch, VIII. 402 §, 424 †; XV. 445 †
- Plankton of, XI. 75
- Red Sea and Gulf of Aden Pilot: J. Phillips, XVII. 219 †
- Pola* expedition, VI. 388; VIII. 180; XII. 571; Expedition S.M. Schiff *Pola* in das Rothe Meere: P. E. von Pott, XIX. 111 †
- Why so called: J. S. King, XII. 632 †
- Zoo-geographical discoveries: T. Fuchs on, XX. 233
- Redlich, O.: Ortsnamen der östlichen Alpenländer, XI. 307 †
- Redway, T. S.: First landfall of Columbus, V. 401 †
- , J. W.: Influence of rainfall on commercial development, † I. 183; IV. 190; XVII. 452; Natural geographies, X. 656 †; New basis of geography, XIX. 368 §, 410 †; Refilling of Salton lake, II. 170; Status of geographical teaching, III. 352 †; Text books of geography, II. 93 †; Treeless plains of U.S. III. 209 *; What is physiography? VII. 338 †
- and R. Hinman: Natural advanced geography, XII. 441 †, 529 §
- Reed, E. C.: Invasion de langosta en Chile, I. 471 †
- , F. R. C.: Geological history of rivers of E. Yorkshire, XVIII. 209 §, 323 †; Handbook to geology of Cambridgeshire, XII. 203 †, 519 §
- , H.: Photography applied to surveying, I. 380 †
- , J. H.: Elements of map projection, IX. 244 †; Fashoda and Bahr-el-Ghazal, XIV. 459 †; Popular geography in Manchester, VIII. 521; Practical geography in Manchester, X. 345 †; Transvaal from without, XVI. 252 †
- Reef knolls, Formation of: R. H. Tidde-man, XVII. 563 †
- Rees, J. D.: Fortnight in Finland, III. 157 †; Madras, the Southern Satrapy, XVIII. 230 †
- , J. R.: Variation of latitude, X. 124 †
- Reeves, E. A.: Deflection of plumb-line in India, XIX. 615 *; S. C. N. Grant's occultation method, XI. 165 *; Nansen and his lunar tables, XIII. 459 †
- , J. S.: International beginnings of Congo Free State, V. 283 †
- , W. P.: The Long White Cloud (New Zealand), XIII. 326 †
- Refraction (*see also* Atmosphere)—
- Erreur de réfraction dans le nivellement géométrique: C. Lallemand, IX. 111 †
- Réfractions extraordinaires: A. Delebecque, IX. 582 †
- Refraktionstafeln: L. Ambronn, III. 76 †

REFRACTOMETER

- Refractometer for determining density of sea-water, VI. 100
- Regan, W. F.: Boer and Uitlander, VIII. 190 †; Plan of Witwatersrand gold-fields, XI. 210 †
- Regaud, C.: Au col Dongouz-Oroun, XIII. 454 †
- Regel, F.: Forstwirtschaftliches vom Thüringerwald, III. 435 †; Kolumbien, XV. 669 †; Reisebriefe aus Colombia, IX. 342 †; X. 330, 457 †; XI. 318 †; Reisen im Berglande von Antioquia, XX. 248 †; Do. im Nordwestlichen Kolumbien, XII. 214 †; Thüringen; ein geographisches Handbuch, VIII. 641 †; X. 207 §
- Regelsperger, G.: Biography of L. Drapeyron, XVII. 682 †; Occupation des territoires du Tchad, XVIII. 456 †
- Regillo, Sul vero sito del lago: T. Ashby, XII. 92 †
- Regina Margherita lake, E. Africa, VI. 384; VIII. 222; X. 439; XII. 77; XX. 384
- Registan sand desert, IX. 405, 672
- Regnault, F.: Andorre, XIII. 317 †; Langue française dans le Valais, XII. 202 †; Rôle des montagnes dans la distribution des races, I. 91 †, 175 §
- Rehbock, T.: Deutsch-Südwestafrika, XI. 198 †; XIII. 323 †, 421 §; Wirthschaftliche Werth der Subtropen, etc., XIX. 408 †
- Rehmann, A.: Moränenlandschaft in der Hohen Tatra, etc., III. 250 †
- Reibisch, P.: Gestaltungsprincips der Erde, XIX. 780 †
- Reich, E.: Austria-Hungary and the Ausgleich, XI. 564 †
- Reichard, P.: Zur Frage der Austrocknung Afrikas, VII. 112 †
- Reiche, K.: Thermen von Chilian in Chile, VII. 335 †
- Reichelt, G. T.: Der Tsangpo-Brahmaputrafluss, X. 228 †
- Reid, A.: From Peking to Petersburg, XIII. 453 †; Chin-Lushai Land, III. 345 †
- , C.: Geology of country round Ringwood and Southampton, XX. 553 †; Great lakes, I. 185 †; remarks on "Seabeaches and sandbanks," XI. 651
- , H.: remarks on "Exploration in Caroline Is.," XIII. 134
- , H. F.: Glacier Bay and its glaciers, IX. 342 †; Report of expedition to Muir glacier, Alaska, III. 532 †; Variations of glaciers, VI. 395 †
- , P. C.: Journey up the Machili, IX. 143 †; Journeys in Linyanti region, XVII. 573 †; Régime of Okavango river, XV. 186; Survey of Linyanti river, XV. 65
- , Sir W.: Some first impressions, XI. 87 †

RÉJOU

- Reifferscheid, A.: Aus der Geschichte zweier Dörfer in Pommern, XVII. 206 †
- Reilly, S. A.: Geography in Model Department, Normal School, XV. 200 †
- Reimer, D.: Deutschland in Ostasien; Provinz Shantung, XII. 108 †
- Rein, J.: Bestimmung der mittleren Dichte der Erde, XV. 87 †; Columbus und Seine vier Reisen, I. 187 †; Eine Woche in Samarkand und am Serafschan, XII. 208 †; Eroberung und Besiedelung der La Plata-Länder, XVI. 253 †; Flatey und Codex Flateyensis, VIII. 295; Fortentwicklung . . . des japanischen Kunstgewerbes, VII. 441 †; Influence of New World upon Old, I. 539 †; On changes in river-courses, VIII. 404; Seebeben von Kamaishi, IX. 443 §, 460 †; (Map), IX. 471 †; Spanischen Sierra Nevada, XV. 548 †
- Reina, V.: Attrazione locale nella Specola geodetica di S. Pietro in Vincoli, VII. 219 †; Determinazione astronomica di latitudine, etc., XVI. 256 †; XX. 552 †
- Reinach, L. de: Le Laos, XIX. 524 †
- Reinder lake, N. Canada, VI. 440
- Reindorf, C. C.: History of Gold Coast and Asante, VII. 564 †
- Reinicke, F.: Samoa, XX. 129 †; Verhältnisse auf den Samoa-Inseln, XIV. 464 †; Wirtschaftliche Bedeutung Samoas, XVI. 255 †
- Reiner, J.: Babia Gora, XVII. 545 †; Das Verbrechen von Standpunkte der Geographie, XX. 472 †
- Reingruber, J.: Biography of K. R. von Scherzer, XX. 473 †
- Reinhard, R.: Deutschen Seehandelsstädte, XIX. 650 †
- Reinhertz, C.: Die Schätzungsgenauigkeit an Massstäben, VII. 447 †
- Reinisch, L.: Aegypten und Abessinien, X. 229 †; Egitto e l'Abissinia, X. 340 †; Egypt and Abyssinia, IX. 314 †; Medal to celebrate birthday of, XX. 661
- Reinhold, A. W.: Deviation of compass, VI. 201 †
- Reinstein, J. B.: Address at University of California, XI. 686 †
- Reis, J. Batalha: *see* Batalha-Reis
- Reischel, G.: Entwicklungsgeschichte Thüringens, XI. 565 †; Thüringische Bauernhaus, XIII. 88 †; Wüstung Breitenfurt bei Wenigensömmern, XI. 192 †; Wüstung Sömmerningen bei Pabstorf, XI. 448 †
- Reiss, L.: *see* Riess
- Rejaf, Sudan, XX. 615; capture of, X. 213
- Rejang, Phœnician characters in, VII. 659
- river, Borneo; H. M. Hiller's journey up, XI. 179
- Réjou: Huit mois à Tombouctou, XIII. 92 †; surveys of lakes in Timbaktu region, VIII. 72, 638

REKSTADT

- Rekstadt, J.: Om Svartisen og dens Gletschere, I. 82†
 Relief Maps: *see under* Maps
 Religions—Map of religions of the world, etc.: G. Philip, VI. 204†; Short studies in science of comparative: J. G. R. Forlong, XIII. 460†, 668
 Reman state, Malay Pen., IV. 233
 Rembesdal glacier lake, Norway: A. F. M. Ferryman, IV. 524*
 Reminolfi, G.: Risorse naturali del Piauh, IX. 342†
 Remy, F.: Climatologia del puerto del Callao, XV. 85†
 Renan, H., J. Perchot, et W. Ebert: Détermination de la latitude, XIII. 327†
 Renard, A. F.: Enseignement de la géographie, XII. 106†; Géographie à l'Université de Vienne, XII. 106†; *see* Arctowski
 Renault, E.: Baume-les-Messieurs, III. 528†; Grotte de Baume-les-Messieurs, X. 546†; Jura souterrain, IX. 335†
 Renaud, G.: Travaux publics et chemins de fer au Tonkin, VII. 111†
 Rendile tribe, E. Africa, II. 536; VIII. 231; XIX. 216
 Rendle, J. J., and M. D. Lovat: Solfataras of Vanua Lava, VII. 566†
 Rene-Moreno, G.: Ultimos dias coloniales en el Alto-Peru, XIII. 683†
 Reñihue river, Patagonia, XVI. 192; Chilenische Reñihue-Expedition: P. Krüger, XVI. 372†, 585†
 Rennell, J.: Geographical work, VI. 7, 10; Major Jas. Rennell and rise of modern English geography: Sir C. R. Markham, VI. 101†
 Renny-Tailyour: surveys in Shan States, IV. 32
 Renong, Siam, VI. 534
 Repiquet, J.: Sultanat d'Anjouan (Iles Comores), XVIII. 231†
 Rer Hersi, tribe, Somaliland, IX. 54
 Reschen-Scheideck, Lakes of: D. Müllner on, XVII. 302
Research, H.M.S.: Work in Færoe Channel, IX. 564
Research in geographical science: H. R. Mill, XVIII. 407*
 Reshiat or Darsonich, tribe, E. Africa, VIII. 226; XI. 382
 Resht, trade reports, VI. 568; XII. 629†
 Restif, P.: Guarani grammar and vocabulary, VI. 197†, 198†
 Retzius, G.: Om de . . . antropologiska undersökningarna i Sverige, XV. 662†
 Reunert, T.: Diamonds and gold in S Africa, III. 72
 Réunion—
 Agriculture à la: L. O'Zoux, X. 650†
 Crags and craters: W. D. Oliver, XI. 239†
 Fauna, VII. 284
 L'Île de la: G. Verschuur, XV. 83†

REY-PAILLHADE

- Réunion—*continued*.
 Notice sur la: A. G. Garsault, XVI. 700†
 Population de la: L. O'Zoux, IX. 340†, 665§
 Souvenirs Créoles de Bourbon: H. Lacaze, I. 85†
 Trade Rep., XV. 439†
 Reusch, H.: Bömmelöen og Karmöen med omgivelser geologisk beskrevne, I. 180†; Braesjöer i fordums tid, XVI. 572†; Folk og natur i Finnmarken, VII. 328†; Geografie for Middel-skolen, XVI. 133†; Geologiske iakttagelser . . . Foemundsjöen, etc., XI. 192†; Jordskjælv i Norge, IX. 677†; Kortfattet Geografi, IX. 116†; Last stage of ice age in C. Scandinavia, XVI. 694†; Norwegian coast plain, III. 513; IV. 186†; Timanske bjergkjædesystem i Norge, XVI. 572†; Timanschen Gebirgssystem, XVII. 85†; Varangerfiord region and forthcoming solar eclipse, VII. 439†
 Reuss, R.: L'Alsace au dix-septième siècle, etc., XII. 321†; XIII. 555†
 Reuter, J. N.: Russia in Finland, XIV. 112†
 Reveillère, P. E. M.: biography, XIII. 219†
 Revelli, P.: Il viaggio di Vitaliano Donati, XIV. 459†
 Reventazon river, Costa Rica, X. 70
 Reverchon, L.: La montre dans le Jura, XI. 447†
 Revilliod, J. T.: Viaje de Saïgon à Bangkok, X. 649†
 Revue river, E. Africa, II. 508; V. 32
 Rey, R.: Le Royaume de Cottius, etc., XIII. 556†
 Reyer, E.: Geologische und Geographische Experimente, I. 283†; V. 396†
 Reyes, Don R.: Exploration of unknown regions of S. America, XX. 128†
 Reykholt, Iceland, III. 270
 Reykjanes pen., Iceland, XIII. 257, 273; Thoroddsen's Forshung auf Reykjanes, VII. 328†
 Reynolds, J. B.: Class excursions in Wales and England, XIX. 241†; remarks on "Teaching of geography," XIX. 81; Teaching of geography in Switzerland and N. Italy, XV. 92†, 184§
 —, O.: James Prescott Joule (Biography), I. 283†
 Reynolds-Ball, E. A.: Cairo of to-day, XI. 314†; XX. 669†; Jerusalem: Practical guide, XVIII. 326†; Mediterranean winter resorts, I. 91†; VII. 685†; XIII. 689†
 Rey-Pailhade J. de: Application simultanée et parallèle du système décimal, etc., VI. 394†; Extension du système décimal aux mesures du temps et des

RHAETO-ROMANSH

- angles, XI. 573 †; (Projet de), IX. 582 †; Temps décimal, VII. 117 †
- Rhaeto-Romansh language, boundary of, XII. 310
- Rhamm, K.: Fortschritte der tschechoslavischen Ethnographie, IX. 337 †; Heutige Stand der deutschen Hausforschung, IX. 573 †, 676 †; Zur Entwicklung des slavischen Speichers, XVI. 119 †, 573 †
- Rhee wall, from Romney to Appledore, IX. 545
- Rhees, W. J.: Smithsonian Miscellaneous collections, XIX. 775 †
- Rhind Lectures in Archæology, Scottish land-names: Sir H. Maxwell, IV. 84 †
- Rhine**—
- Arching of current line, VIII. 405
- Orographische Studie am Knie des Rheines: F. von Huene, XVIII. 104 †, 210 §
- Régime et navigation du Rhin: B. Auerbach, I. 373 †
- Regulation of: A. Oelwein, II. 277 †
- Rhein-Weser-Elbe-Canal (Deutsche Rundschau), XII. 536 †
- Rhine from Rotterdam to Constance: K. Bædeker, VIII. 528 †; XVI. 365 †
- Rijn van onzen tîd als groote Handelsweg: A. Beekman, VI. 293 †
- Verhouding tusschen den Rijn en het landijs: J. Lorie, XX. 239 †
- Rhine Province—
- Distribution of population in: E. Ambrosius on, XVIII. 438
- Niederschlagsverhältnisse der Mittlern Rheinprovinz: P. Polis, XIV. 675 †; XV. 641 §
- Studienausflug in das rheinisch westfälische Industriegebiet: F. Lampe, XX. 465 †
- Rhinoceros remains in E. Mongolia; Obrucheff's discovery of, XV. 60
- Rhins: see Dutreuil du Rhins
- Rhirno-jong or Tao-tang-ho stream, III. 364
- Rhoades: longitudes of lake Nyasa, XIV. 319; Map of Do., XII. 580*; Survey of Do., XX. 68*
- Rhode, J. J.: Argentisch-chilenischen Grenzstreit, VII. 680 †
- Rhode I.—
- Local maps in Rhode Island schools, VIII. 179
- Queen's river moraine in: J. B. Woodworth and C. F. Marbut, VIII. 654 †
- State map of, as aid to study of geography: W. M. Davis, VIII. 654 †
- Rhodes, C.: obituary, XIX. 644; Study of a career: H. Hensman, XIX. 782 †
- T.: Jamaica and . . . mail service, XIX. 776 †; Steamship Guide, XX. 252 †
- Rhodes—Geologie von Rhodus: A. Philippson, XVIII. 231 †; Geologische Uebersichtskarte: G. von Bukowski,

RHODOSTÆTHIA

- XIV. 455 †; L'île de: L. de Launay, XVII. 210 †
- Rhodesia**—
- Ancient ruins of, XIII. 381; R. N. Hall and W. G. Neal, XIX. 495 §, 772 †
- Art, letter from W. Copeland on, XIV. 101
- Campaign in: R. S. Baden-Powell, XI. 684 †
- Economic geography of: J. Bryce on, X. 474
- Economic value of: F. C. Selous, X. 649 †
- Geodetic survey, XIV. 667
- History of: H. Hensman, XVII. 322 †
- Map: E. Stanford, † VI. 590; IX. 119; XIII. 333; XV. 678
- Mining, information as to: Br. S. Africa Co., XVI. 700 †
- Rhodesia and its mines in 1898: W. F. Wilkinson, XIII. 560 †; Rhodesia, its goldfields and prospects, XI. 313 †
- Monomotapa; its monuments, etc.: Hon. A. Wilmot, IX. 239 †, 325 §
- Progress, XV. 535; XVIII. 534
- Prospects of: F. C. Holland, X. 551 †
- Recent travels in, and Bechuanaland: C. E. Fripp, IX. 681 †
- Reports—Administration, XII. 211 †; XV. 535 §; XVI. 487 †; XVIII. 533 §, 550 †
- Rhodesia, 1889-99 (Simpkin & Co.), XIV. 582 †
- (Scottish G. Mag.), XV. 666 †
- of to-day: E. F. Knight, V. 181 †
- and its government: H. G. Thomson, XIII. 421 §, 560 †
- Sunshine and storm in: F. C. Selous, IX. 240 †; X. 173 §
- Surveys, XIX. 376
- Travels and researches in: H. Schlichter, XIII. 376*; XIV. 458 †
- Rhodesia, N.—Choma Division of Mweru district: H. Croad, XI. 617 †; Explorations W. of Loangwa river: C. D. Hoste, XI. 624 †; G. Gray's expedition, XV. 283; Photographs: G. Gray, XIX. 120; P. M. Sykes, XIX. 248
- , N.E.—Boundaries, XV. 282; Explorations of French "White Fathers" in: H. Maitre, XX. 324*; Pénétration par les missionnaires français: H. Maitre, XX. 357 †; Travel and trade routes in, etc., XIX. 598*
- , S.—Information for intending settlers, XVIII. 231 †; Orders in Council, XIV. 338; Précis of information concerning: C. T. Dawkins, XIV. 338 †
- Station, Lake Mweru, I. 527
- Rhodostæthia rosea, IX. 503, 520, 526

RHONE

Rhône—

- Aménagement industriel du : A Souleyre, XII. 92 †
 Aperçu sur la structure générale, etc. : C. Deperet, VI. 483 †
 Canals—Canal and Port of Saint Louis, IV. 574; Canaux du Rhône: F. Sauvaire-Jourdan, XVII. 671 †; Rhône-Marseilles Canal, IV. 269; (J. C. Roux), IV. 184 †
 Cañon du Rhône et le Lac de Genève: G. Bourdon, IV. 280 †; VI. 579 †
 Glacier—Circulation des eaux dans le glacier du : F. A. Forel, XIII. 212 †; XV. 546 †; Vermessungen während 25 Jahren : E. Hagenbach-Bischoff, XIX. 395 †
 Eddies of: H. Faye, II. 476 †
 History of: C. Lenthéric, I. 180 †
 Observations . . . du Delta du Rhône : Flahault et Combes, VI. 96 †
 Rhône suisse tributaire du Rhin: M. Lugeon, IX. 337 †
 — and Dranse, A. Delebecque's observations on, III. 234
 Vallée du Rhône de Lyon à Avignon : J. Ronjat, XVII. 206 †
 Variations in level, IV. 562
 Rhyndacus river, Mysia, IX. 154, 262, 269
 Rîa Ghata Deshek, IX. 56
 Riban, C.: La Tunisie, Histoire de la colonisation, VII. 215 †
 Ribbe, C.: Journey to Bougainville I, IV. 568, 580 †; Reisen in der Südsee: Dr. O. Schneider, VII. 330 †
 Ribaud, M.: Japon historique et artistique, XIV. 115 †; Un été au Japon boréal, XI. 90 †
 Ricarde-Seaver, F. J.: Diamonds and gold, V. 182 †
 Ricchieri, G.: Congresso Geografico Internazionale di Londra, VII. 341 †; Colonizzazione e Conquista, XIV. 346 †; Correzione dei nomi locali nelle carte . . . la Sicilia, XIV. 454 † L'Italia e l'unificazione mondiale del tempo, V. 399 †; L'Italia in Cina, XIV. 456 †; Piccolo Annuario Geografico e Statistico, XIX. 243 †; Studi di storia della geografia antica, XIV. 235 †; Studi geografici . . . nell' educazione moderna, X. 345 †; Tre escursione in provincia di Messina, XIX. 650 †
 — G. e O. Marinelli: Toponomastica e Topolessigrafia, XIX. 663 †
 Riccio, A.: Determinazione della gravità . . . nella Sicilia, XII. 427 †
 — e G. Saja: Osservazioni meteorologiche . . . dell' Etna, XIII. 97 †
 Rice, B. L.: Mysore Gazetteer, XIV. 115 †
 Rice—Cultur des Reises, etc., XII. 104 †
 Richard, A. de: Roumanie à vol d'oiseau, VI. 580 †
 —, J.: Appareil à démontrer que la quantité des gaz dissous, etc., IX. 583 †
 Campagne scientifique de la *Princesse*

RICHTER

- Alice* en 1901, XX. 472 †; Campagnes scientifiques du Prince du Monaco, XVI. 589 †; Faune des eaux douces des îles Canaries, XI. 453 †; Museum océanographique de Monaco, XVI. 131 †
 Richard, M. Garston: Tehe-Kiang, XVII. 208 †
 Richards, Sir G. H.: Biography, IX. 469 †; remarks on F. Nansen's Arctic journey, I. 29; Report of Navigation of Mersey, † I. 467; III. 528; VII. 561
 —, H.: Account of Bay of Balik Papan, XVI. 474
 —, T. H. H.: Gold Coast Colony, XI. 197 †
 Richardson, G. F.: Survey, practical and precise, XVIII. 459 †
 —, R.: Corsica; Notes on recent visit, V. 395 †; Physiography of Edinburgh, XX. 554 †; River terminology, XVI. 376 †
 —, surveys in Canada, X. 625
 Richarz, F., and O. Kriger-Menzel: Gravitation constante, IX. 582 †
 Richmond, M. de: Vacher de la Caze, prince d'Amboule, XVII. 327 †
 Richet, E.: Alaska, XII. 100 †; Au Klondyke, XI. 570 †; Projet d'expédition au Labrador, XIV. 119 †
 Richter, E.: Arbeiten der Gletscherkommission, XIII. 460 †; Aus Norwegen, IX. 336 †; Bibliotheca Geographica Germaniae, VIII. 633 §, 647 †; X. 547 †; Biography, XI. 208 †; Erläuterungen . . . der österreichischen Alpenseen, XI. 307 †; Gebirgshebung und Thalbildung, XVI. 373 †; Geomorphologische Beobachtungen aus Norwegen, VIII. 189 †; Do. Untersuchungen in den Hochalpen, XVII. 205 †, 301 §; Gletscher Norwegens, IX. 233 †; Gletscherkonferenz im 1899, XVI. 233 §, 257; Gletschersturz von Simpelu, XIX. 104 †; Gletscherschwankungen in Norwegen, VIII. 189 †; Grenzen der Geographie, XVII. 219 †; Grönland-Expedition der Gesellschaft für Erdkunde, XIV. 232 †; Historischen Atlas der österreichischen Alpenländer, VIII. 526 †; Mathias Burgklehners Tirolische Landtafeln, XIX. 785 †; Morphologie von Norwegen, XIX. 228 †; Neue Ergebnisse . . . der Gletscherforschung, XIV. 232 †, 316 §; Norwegische Strandebene, VIII. 412 †; Stehende Seespiegelschwankungen auf dem Traunsee, XIV. 110 †; Variations périodiques des Glaciers, XV. 198 †; XVIII. 239 †; Wissenschaftliche Erforschung der Ostalpen, etc., V. 178 †
 —, Haupt.: Ethnographische Notizen über den Bezirk Bukoba, XVI. 250 †; Lebensweise . . . des Bezirks Bukoba, XVI. 368 †
 —, J.: Streit um die Mosquitoküste, VII. 445 †

RICHTHOFEN

Richtshofen, Baron F. von; biography: C. Rohrbach, XVII. 327†; China, Japan, and Korea, IV. 556*; Count Szechenyi's travels in E. Asia, III. 311*; Friede von Schimonoseki, VI. 295†; Geologische Bau von Schantung, XII. 95†; Geomorphologische Studien aus Ostasien, XVII. 320†; XVIII. 455†; XIX. 214§; XX. 555†; importance of Kiautschou, XI. 434; Karte des nordöstlichen China, XVI. 708†; Kiautschou, seine Weltstellung und voraussichtliche Bedeutung, XI. 450†; Neue geologische Karte von Oesterreich, XIII. 554†; Position of Lob-nor, XI. 656; Proposed Antarctic expedition, XIII. 409; Rechtschreibung des Namens Kiautschou, XI. 450†; Schantung und seine Eingangsporte Kiautschou, XII. 430†, 608§; Schauplatz des Krieges zwischen Japan und China, V. 87†; Stepped faults in E. Asia, XVII. 658; Testimonial to, on 60th birthday, II. 382†

———, Baron W. von: Reise durch Formosa im Jahr 1900, XX. 353†

Richtshofen cape, XI. 120

——— peak, Franz Josef Land, X. 186, 336; XI. 120

Rickmers, Mrs.: Journey through Khanate of Bokhara, XIV. 617; XVI. 248†

———, W. R.: Ararat, VII. 110†; Barren der Danduschka, XIV. 582†; Bokhara, XVI. 366†; explorations in Trans-Caucasia, VI. 472; Kartsch-Chal in Transkaukasien, XVII. 448†; Photographs of Russian Turkestan and Bokhara, XV. 96; Reise nach Ost-Bochara, X. 120†; Travels in Bokhara, XIV. 596*; Ushba, XIV. 680†; Ushba im Kaukasus, XIV. 116†

Riddell, W.: Map of neighbourhood of Swatow, XV. 450†

Ridgway: Birds of N. and Middle America, XIX. 774†; Birds of Galapagos Archip., XIII. 457†

Riebow und Zimmermann: Die deutsche Kolonial-Gesetzgebung, XII. 220†

Riehl, H. von; Biography, XI. 689†

Ries, Das: C. Gruber, XV. 293†; XIX. 766†; Vulcanische Ries bei Nordlingen: H. H. Branco und Prof. Fraas, XX. 350†

Riesen-Gebirge—

Glacialabgerungen des: J. Partsch, XIX. 394†; Vergletscherung des, zur Eiszeit: Id., IV. 269§, 280†; Höhenbestimmungen . . . im Riesengebirge: A. Galle, VII. 676†

Lakes of the: O. Zacharias' investigations, VI. 565; X. 323

G. B. Mendelssohn und seine Schilderung des: P. Kammerling, XIX. 241†

Riess, L.: Geschichte der Insel Formosa, X. 550†; History of English factory at Hirado, XV. 295†; William Adams

RIO

und Sein Grab in Hemimura, XX. 472†

Rietfontein, S. Africa, II. 38

Rift valleys of E. Africa, IV. 297, 304; XIX. 2

Riga: K. Schubert, IX. 458†; population, IX. 658; Trade Rep., XV. 294†

Rigby, G. C.: History of operations in N. Arakan, etc., XIII. 90†; Photographs of . . . Chin Hills, X. 464; Report on S. Chin Hills, XI. 546§; Tour through N. Shan States, IX. 338†

Riggs, S. R.: Dakota grammar texts and ethnography, VI. 197†

Righas, Monographie de la Tribu des: M. Yenoudet, VIII. 531†

Rig-i-Chichagun, Persia, VII. 33

Rig-i-Rawan sand-hill, musical sounds made by, IX. 454, 571

Rigo district, New Guinea, XVI. 284

Rijn, A. P. van: Tocht naar de Boven-Sadang, XX. 243†

Rijnhart, S. C.: journey in Tibet, XIV. 205; murdered, XVI. 556; Voyage de M. et Mme. Rijnhart dans le Tibet oriental: F. Grenard, XIV. 114†; With the Tibetans in tent and temple, XIX. 230†

Rikli, M.: Pflanzlichen Formationen der Arktis, XX. 249†, 344§

Rila Dagh—J. Cvijić's surveys, IX. 87; Rila mountains, XIII. 554†; Rila-Gebirge und seine ehemalige Vergletscherung: J. Cvijić, XIII. 87†, 427§

Riley, F. L.: Colonial Origins of New England Senates, VII. 679†

Rimatara; Annexation by France, XIX. 221

Rimbach, A.: Reise im Gebiet des oberen Amazonas, XII. 191§, 215†

Rimbaud, M.: Les Tifinar' de la Gara des Chorfa, XIX. 233†

Rindermann; longitude of Tabora, III. 426

Rind tribe, Baluchistan, VII. 391

Ringwood, Geology of country round: C. Reid, XX. 553†

Rink, H.: Nachhall der ersten Nansen Expedition, Berichte der Eskimos . . . in Godthaab, II. 566†; Obituary: R. Brown, III. 65

Rinsing, Pundit: Journeys in Kanchenjunga group, XIX. 456

Rio-Branco, B. de: Estados Unidos do Brazil, VIII. 656†

Rio de Janeiro—Trade Rep., XIV. 462†; XVI. 584†

Rio Grande do Sul—

Carta geographica do Estado do: J. L. N. de Azevedo, XX. 679†

Deutsche Siedlung über See, etc.: A. Funke, XX. 128†

My life and work in: H. von Ihering, IV. 284†

Trade Rep., † XII. 635; XV. 440; XIX. 109

RIO

- Rio Grande do Sul—*continued*.
 Vegetation in: A. M. Lindman, XVI. 127 †
- Rion defile, Journey in: S. Lominadze, XI. 196 †
- Riou und Lingga-Archipel, XIV. 115 †
- Ripa, E. Africa, IV. 100
- Ripley, W. Z.: on Acclimatization, VIII. 643; Ethnic influence in vital statistics, VIII. 426 †; Geography as a Sociological study, IX. 114 †; Races of Europe, XV. 433 †, 531 §; Racial geography of Europe, X. 450 †; Selected bibliography of anthropology and ethnology of Europe, XIV. 576 †
- Ripol, J.: Calcul du point à la mer, VII. 684 †
- Rippas, B. A.: Change of water-level in relict-lake Mogilnoe, XI. 193 †
- Ris, H.: Klein Mandailing Oeloe en Pahantan, etc., VIII. 416 †
- Rishahr, ancient site and history, IX. 313
- Riston, V.: Oasis saharienne en Espagne; la forêt de palmiers d'Elché, III. 158 †
- Risut, cape, Arabia, VI. 119, 130
- Ritchie, J.: List of books on travel, etc., XI. 324 †
- Ritso, B. W.: Boring for water in Cape Colony, XX. 557 †
- Rittau: Das Entwerfen von Kartenskizzen, etc., XI. 325 †
- Ritter, E.: Dunes, XII. 217 †; Morphometrie du lac Majeur, VIII. 528 †; Origine de l'emplacement des cours d'eau, XI. 206 †; Orographie et hydrographie des Alpes de la Savoie, VI. 482 †; Photographs of Guatuso Indians, XI. 111
- , K.: Geographical work, VI. 371
- and Delebecque: Soundings in Lakes of the Pyrenees, XIII. 656
- Ritter mts., C. Asia, VIII. 167
- Ritters geographisch-statistisches Lexikon: J. Penzler, VII. 684 †; IX. 348 †
- Rittikh, P. A.: Journey in Persia and Persian Baluchistan, XX. 353 †
- Riukiu Is.: *see* Luchu and Formosa
- Rivara, J. H. da C.: Inscriptões da India portuguesa, IV. 577 †
- Riverina (N.S.W.), Rainfall of Southern: H. C. Kiddle, IX. 242 †
- Rivers**—Bars, formation, XI. 643; as boundary; changes in course, E. Dunker on, III. 239; J. Rein on, VIII. 404; currents, formula for rate, R. Siedek on, XVIII. 540; development of branches, XIV. 490; of windings, XIV. 493; divergence of stream-lines, VII. 619; erosion-curves, VII. 621; measurement, methods, XI. 157; normal profile, R. Siedek on, XX. 346; origin, VII. 622; potamology, X. 619; relation of ability and load, XIV. 490; sub-oceanic channels, XIII. 288; subterranean, XIV. 405; suspended material, X. 621

RIVERS

Rivers—continued.

- Action of rivers on their banks, etc.: E. Dunker, III. 76 †
- Adjustment of streams, V. 135, 137
- Amélioration d'une rivière à marée: Hauteux, IX. 685 †
- Barrages de retenue et l'aménagement des eaux courantes: A. Duponchel, VIII. 195 †
- Capture des cours d'eau superficiels par les cours d'eau souterrains: E. Fournier, XIX. 512 §, 533 †
- Clarification of river waters: A. Hazen, XIV. 123 †
- Comparison of flow of water in a river with that in a small-scale model: T. A. Hearson, XIX. 408 †
- Consequent streams, Development of, XIV. 487, 489
- Deltas—Marine currents and river deflections: R. A. Daly, XVIII. 219 §, 341 †
- Development of rivers: S. S. Buckman, XIV. 113 †; River development: S. S. Buckman, XX. 666 †; Do.: I. C. Russell, XIII. 329 †
- Einfluss der Pflanzendecken auf die Wasserführung der Flüsse: F. Wollney, XVII. 311 §, 327 †
- Erosion of some river valleys, rate of: C. C. Brittlebank, XVI. 589 †
- Estuaries: H. L. Partiot, V. 185 †; Embouchures des fleuves: J. Girard, V. 185 †
- Fluss in seiner Bedeutung als Grenze, etc.: O. E. Junghans, XV. 541 §, 674 †
- Gewässerkunde im letzten Jahrzehnt: W. Ule, XVI. 131 †
- Gorges—Principe de classification rationnelle des gorges: J. Brunhes, XX. 364 †
- Hydrography of river systems: M. Dubois, III. 256 †
- Instruction for exploration and description of rivers: N. A. Boguslavsky, XI. 458 †
- Linea e fiumi di Resorgivá: G. L. Bertolini, XII. 639 †
- Phénomènes d'érosion et de corrosion fluviales: J. Brunhes, XI. 573 †
- Potamology as branch of physical geography: A. Penck, X. 619*; XI. 458 †
- Regulation-training of rivers: L. F. Vernon Harcourt, V. 185 †; Wildbäche und ihre Verbauung: G. Strele, XVI. 374 †
- Rivers and Lakes—Manuscript géographique du XVIII^e siècle: L. Quarre-Reybourbon, XIX. 533 †
- Rotation terrestre et l'orientation des cours d'eau: Marchand et Fabre, XVII. 681 †
- Stream measurements, Report of progress: A. P. Davis, XIV. 341 †;

RIVERS

Rivers—continued.

- Results: F. H. Newell, VII. 115 †
- Study of the river: R. E. Dowling, XVII. 564 †
- Temperature of rivers: J. F. Bubendey, IV. 89 †; Measurements of, opposite Montreal: H. T. Barnes, XII. 217 †
- Terminology: R. Richardson, XVI. 376 †
- Terraces, Geographical development of alluvial: R. E. Dodge, V. 398 †
- Topographische Studien zur Gestaltung der Flusslaufe: S. Gunther, V. 185 †
- Riviera, The: C. Lenthéric; trs. C. West, VII. 212 †; Romans on Riviera and Rhone: W. H. Hall, XIII. 88 †
- Rivière, Baron A. de; explorations in Beni Province, I. 273
- , C.: Bambous aux grands lacs de l'Afrique, VIII. 530 †
- , Capt.: death of, VII. 599
- Riwoche, province and town, Tibet, III. 380
- Roads—De l'emploi de la main-d'œuvre militaire à la construction des Voies: Lyautey, XVI. 591 †
- Roaring Forties, Ocean currents in: H. C. Russell on, IV. 569
- Robat, Afghanistan, IX. 407, 409
- , Arabia, ruins at, VI. 115
- , Gumbaz, Kizil, VII. 92
- Robben I., Sea of Okhotsk, IX. 323
- Robecchi-Bricchetti, L.: All' Oasi di Giove Ammone, II. 278 †; Itinerario da Obbia ad Alula, II. 279 †, 479 †; Journeys in Somali country, II. 359 †; Prima traversata della Penisola dei Somali, II. 279 †; Tradizione storiche dei Somali Migiurtini, II. 279 †
- Roberts, Lord: India past and present, III. 70; remarks on "Chitral, Hunza, and Hindu Kush," V. 422; on "Pamirs and source of Oxus," VIII. 260
- , R. D.: The earth's history: Introduction to modern geology, I. 379 †; remarks on "Limits between geology and physical geography," II. 530
- , W. B.: Mining life . . . of Pagh, XI. 452 †
- Robertson, Capt. C.: surveys in Boner, Swat, etc., XII. 358; in Mishmi country, XVIII. 439
- , Dr. C.: Geographical Congress and geographical education, VI. 490 †; Is the earth a planet? V. 402 †; X. 345 †
- , D.: Equilibrium of a column of air, XVII. 563 †
- , Sir G.: Chitral, Story of a minor siege, XII. 609 §; XIII. 90 †; Kafirstan, IV. 193 †; Do. and its people, X. 548 †; Do.: its manners and customs, X. 119 †; Kafirs of Hindu Kush, IX. 320, 461 †; Mission to

ROCHEFORT

- Chitral, I. 455; V. 417; Political geography and the Empire, XVI. 447 *
- Robertson, W. R.: Official account of Chitral expedition, XIII. 558 †
- Robertson I., Graham Land, IV. 340
- Robida, A.: La vieille France, II. 378 †
- Robie, J.: Benarés, II. 472 †
- Robin, A.: Cinq jours de croisière en Istrie, IX. 675 †
- Robins, W. H.: Through Gorongoza and land of the Barue, XVII. 211 †
- Robinson, A. M.: letter on origin of name of Patagonia, XIV. 673
- , C. H.: Hausa grammar, XI. 93 †; Hausa pilgrimages . . . with native account of death of Gen. Gordon, II. 451 †; Hausa territories, VIII. 201 †; Hausaland; VII. 215 §, 443 †; Mohammedanism, has it any future? XI. 576 †; Nigeria, our latest Protectorate, XV. 665 †; Slave trade in W. African Hinterland, XII. 211 †
- , C. H., and W. H. Brooks: Dictionary of Hausa Language, XVII. 450 †
- , C. N.: The British Fleet, V. 187 †
- , H.: Map of Sydney and suburbs, XIII. 464 †
- , J. R.: remarks on "Teaching of geography in relation to history," IX. 439
- , L.: Faces and places, X. 460 †
- , Sir W.: The Bahamas, XV. 668 †; W. Australia, VII. 116 †; obituary, IX. 671 †
- Robinson-Insel, Neues von der: H. Polakowsky, XII. 635 †
- Robinson Mts., Alaska; Photographs: H. T. Bures, XIII. 104
- Robledo, L.: La hoya del Urubamba, XV. 670 †; Do. (Commercial resources), XV. 537 §
- Roblet, D.: History of a map: Adventures, etc., in Madagascar, XI. 569 †
- Roborovsky, V. I.: Expedition in C. Asia, IV. 64, 173; V. 489; VII. 94; IX. 553; XII. 95 †; Central Asian expedition of Roborovsky and Kozloff, VIII. 161 †; L'exploration Roborovski en Asie centrale, X. 648 †; Preliminary report, XII. 323 †
- Robson, G.: J. Chalmers of New Guinea, XVIII. 343 †
- Robson peak, Canada, XVII. 533
- Rocca, F. de: De l'Alai à l'Amon-Daria, X. 238 †; Il Pamir e le regioni adiacenti, V. 280 †; Il Turkestan russo, XI. 91 †; Karategnine et Darvoz, V. 506 †
- Roc de Gorp, Le Refuge de: E. A. Martel, VI. 579 †
- Roche de Rame, Sur les lacs de la: A. Delebecque, XII. 426 †
- Rocheftort, Géographie historique de: Fonteneau, V. 85 †

ROCHE-MELON

- Roche-Melon, Une ascension à : Comte de Marsy, IX. 348 †
- Rock, J.: New Era in Hyderabad, X. 120 †
- Rock carvings, Australian: R. H. Mathews, XI. 203 †
- painting in Manicaland: H. Good's discovery of, XI. 669
- valleys, submerged, in England; T. Codrington on, XI. 431
- Rockall: M. Christy, VI. 461; XII. 538 †; Notes on Rockall I. and Bank, XII. 93 †; Photograph: W. S. Green, XII. 648; W. S. Green's visit, XI. 48*; XX. 524
- Rockhampton, Queensland: On the tropic line, XV. 671 †
- Rockhill, W. W.: Diary of journey through Mongolia and Tibet, V. 506 †; Diplomatic Missions to Court of China, XI. 450 †; Driven out of Tibet, IV. 577 †; Journey in Mongolia and Tibet, III. 357*; Journey of William of Rubruck, XVI. 485 †; XVII. 298 §; Life of Buddha, etc., I. 473 †; Notes on Miss A. R. Taylor's journey in Tibet, III. 423; on Ethnology of Tibet, VI. 582 †; Photographs of W. China, Tibet, etc., VI. 108; Pilgrimage to great Buddhist sanctuary of N. China, VI. 485 †; Undanavarga; Collection of verses from Buddhist Canon, I. 474 †
- Rocks, Introduction to study of, VII. 448 †
- Rockstroh, E.: Earthquake in Guatemala, XX. 360 †
- Rockville: Variation of latitude at, V. 396 †
- Rocky Mountains**, VI. 423; photographs, XI. 212; topography, V. 60
- Ascent of Mt. Lefroy, etc.: H. B. Dixon, XII. 326 †
- Aus den Alpen Nordamerikas: J. Habel, XVII. 451 †
- Flora, Composition of: P. A. Rydberg, XVII. 556 †
- Freshwater Tertiary formations of: W. M. Davis, XVI. 371 †; XVII. 557 †
- Hochketten des nordamerikanischen Felsengebirges und der Sierra Nevada: E. Deckert, XVIII. 94 §, 234 †
- Lever topographie des montagnes rocheuses: E. Deville, V. 183 †
- , Canadian, VII. 49; explorations, XIII. 337; (D. R. de Simone's), XIII. 305; letter from J. N. Collie on, XIV. 100; from Lord Southesk, XIII. 546
- Beaverfoot valley and Mt. Mollison: H. J. Scattergood, XVIII. 333 †
- Camping in: W. D. Wilcox, IX. 107 †
- Exploration in: J. N. Collie, XIII. 333*; XIV. 119 †; XVII. 252*, 678 †; XVIII. 111 †
- Famous mountaineer in (Whymper), XX. 468 †

ROGERS

- Rocky Mountains, Canadian—*continued*.
- General features of: W. D. Wilcox, XI. 316 †
- Geological record of Rocky Mt. region of Canada: G. M. Dawson, XVIII. 111 †
- In the heart of the Rockies of Canada: L. J. Steele, XIX. 529 †
- Lake formation in: W. D. Wilcox, XIV. 339 †
- Mountain exploration in: H. E. M. Stutfield, XIII. 564 †
- Mountaineering in: S. E. Allen, IX. 107 †, 341 †
- Photographs (Topographical Surveys Branch), XI. 212; W. D. Wilcox, XV. 452
- Recent explorations in: W. D. Wilcox, XX. 468 †
- Rockies of Canada: W. D. Wilcox, XVII. 92 †
- Rocquigny-Adanson, G. de: Floraison du Percenige dans . . . la France, XVIII. 453 †
- Rocroi du Brabant et de Stavelot; Relations lithologiques . . . des massifs de: J. de Windt, XIII. 318 †
- Rodd, R.: Customs and lore of modern Greece, I. 82 †
- Rodents—Ethiopian region, VII. 285; Neotropical, V. 473; Papuan, IV. 46
- Rodger, J. P.: Perak Administration report, XIII. 213 †; Selangor Administration report, XII. 97 †; XIV. 679 †
- Rodman, H.: Chatham and Peril Straits, etc. (General information), VIII. 312 †; (Harbours, etc.), XII. 99 †
- Rödö—Om Rödömrådet: P. J. Holmquist, XIV. 677 †
- Rodriguez, M. P. y: Maps of Canary Is., XIII. 333 †
- , S. R.: Estudio del Paraguay, VIII. 420 †
- Rodriguez I.; fauna, VII. 284; Report for 1896, XII. 629 †; *see* Mauritius
- Rodway, J.: In the Guiana forest, VI. 198 †; Old boundary of Essequibo, VII. 565 †; Spanish accounts of Guiana, VI. 584 †; West Indies and Spanish Main, VII. 566 †
- and J. H. Stark: Guide book and history of Br. Guiana, XIII. 217 †
- Roe, Sir C.: Constitutional relations of England and her dependencies, XVI. 375 †; Tribes and land of Panjab, XIV. 115 †, 225 †
- , Sir T.: Embassy to the . . . great Mogul: W. Foster, XIV. 579 †
- Roest, J. L. D. van der: Uit het leven der bevolking van Windessi, XI. 686 †
- Rogers, A.: Province of Gujarat, VII. 677 †
- , A. W., and E. Schwarz: Orange river ground moraines, XVII. 211 †
- , L.: Relationship of water-supply

ROGGERO

- ... to prevalence of malaria north of Calcutta, XVIII. 308 §, 324 †
- Roggero, G.: Linea di divisione tra l'Appennino Settentrionale e il Centrale, IV. 280 †; X. 451 †
- Roggewein's voyage for discovery of Southern lands: J. Gillie, XVIII. 242 †
- Rogo, Hausaland, VIII. 212
- Rogozinski, E. de: Exploration dans l'ouest de l'Afrique équatoriale, II. 279 †; death, IX. 331
- Rohlf, G.: Biography: W. Wolkenhauer, IX. 115 †, 583 †; Marokkanische Städtebilder, II. 278 †; Obiuary: E. G. Ravenstein, VIII. 184; Der Rif, III. 347 †; Tuat, I. 567 †; Woher kommt das Wasser in den Oasen der Sahara? III. 439 †, 236 §
- Rohrbach, C.: Biography of Baron von Richthofen, XVII. 327 †
- , P.: Armenier und Kurden, XV. 664 †; Die abflusslosen Seen auf dem Armenischen Hochland, XX. 241 †; Studien in Mesopotamien und Babylonien, XVIII. 550 †
- Rojas, D. J.: El Archipelago del Norte, X. 651 †
- Rokelle river, Sierra Leone, II. 461
- Rolfe, C. W.: Use of aneroid barometer in geological surveying, VI. 398 †
- Roll, J.: Der Mount Hood in nord-amerikanischen Cascaden-Gebirge, IX. 579 †
- Rolland, G.: Accroissement de température . . . avec la profondeur dans le bas Sahara algérien, V. 399 †; Régime du bassin artésien de l'Oued Rir, XII. 324 †; Well-borings in Algerian Sahara, II. 66
- Rolleston, C.: Deserted city of Vijayanagar, VIII. 91 †; Morocco and its races, III. 252 †
- Rollet de l'Isle, M.: Note au sujet de la détermination de la hauteur du niveau de la mer, XVI. 589 †
- Romagna, Antichi nomi dei fiumi di: F. Gori, X. 452 †; Emilia e Romagna: E. Rosetti, XIV. 111 †
- Roman Kosh, Crimea; height, I. 63
- Roman roads of Morocco: W. B. Harris, X. 300 *
- Romano, P.: Das gouvernement Tomsk, XIV. 116 †
- Romans, Baron de: Mission Versepuy au lac Albert Edouard, IX. 462 †
- and Versepuy: journey across Africa from E. to W., VIII. 516
- Romans on Riviera and Rhone: W. H. Hall, XIII. 88 †
- Rombo country, E. Africa, IV. 430
- Römeke, H.: Syv år i Ostindien, III. 160 †
- Rome—
- Das alte Rom, Atlas: A. Schneider, VIII. 198
- Determinazioni astronomiche di latitu-

ROQUEVAIRE

- Rome—continued.
- dine e di azimut a Roma: L. V. Reina, XX. 552 †
- Esplorazioni idrografiche nei laghi vulcanici della Provincia di Roma: G. de Agostino, XI. 449 †
- Formæ urbis Romæ antiquæ: H. Kiepert and C. Hvensen, VIII. 648 †
- Handbook of: J. Murray, V. 505 †; XIV. 111 †
- Map—Carta Topografica della Provincia di Roma, XV. 678 †
- Pianta di Roma, IX. 470 †
- Romen, J. Boadu y: Nuestro comercio en Marruecos, VIII. 652 †
- Romer, E. von: A. Rehmann's neues Karpathenwerk, VIII. 410 †
- , F.: Auf einem deutschen Fischdampfer von Spitsbergen, XIX. 110 †
- Romero, M.: Coffee and indiarubber culture in Mexico, XII. 542 †; Geographical . . . notes on Mexico, XIII. 94 †; XIV. 94 §; Mexico, IX. 463 †; La République du Paraguay (Map), XIII. 102 †; remarks on "Western Sierra Madre," VI. 437; Settlement of Mexico-Guatemala boundary question, X. 650 †
- Romeu, C.: En Andorre, XI. 190 †
- Romney Marsh, Kent, IX. 538; history and traditions, IX. 545; towns, IX. 85
- Ronaldshay, Earl of: Across the Himalayas in midwinter, XIX. 230 †; Journey from Quetta to Meshed, XX. 70 †; Sport and politics under an Eastern sky, XX. 555 †
- Roncagli, G.: Spedizione Andrée e la nautica nell' aria, XV. 199 †; Studio per una stazione . . . nelle regioni polari antartiche, V. 285 †; Viaggio del L. Darragon . . . dei Boran, XII. 433 †
- Rong Kia, river and valley, X. 41
- Rongkøb in Djokjakarta, De vogelnest-grot: Komoan, XII. 96 †
- Rong-wa (Tibetans), III. 363
- Ronjat, J.: Promenades en Norvège, XIII. 452 †; Vallée du Rhône de Lyon à Avignon, XVII. 206 †
- Ronuro river, S. America, IX. 448; X. 215; XV. 647
- Ronyu, Donyo, E. Africa, XIV. 283
- Roo, P. de: History of America before Columbus, XVII. 212 †
- Rooney, I.: Photographs of New Britain and New Ireland, XVIII. 560
- Rooper, T. G.: On methods of teaching geography, XIX. 241 †; Practical geography, XVII. 312; on progress of geographical instruction in elementary schools, XVI. 442
- Roosevelt, T.: Winning of the West, V. 608 †
- Root, J. W.: British trade with W. Africa, XIX. 400 †
- Roquevaire, R. de F.: Carte de Maroc,

RORAIMA

- IX. 247 †; Voyage au Maroc de Georges Forret, XIX. 657 †
- Roraima, Journey to summit of: J. J. Quelch, VI. 584 †; R. Schomburgk's account of: trs. Mrs. H. M. von Ziege-zar, VI. 98 †
- Roro people, New Guinea, XVI. 274
- Rosa, G. de la: La solution de tous les problèmes relatifs à Christophe Colomb, XX. 564 †
- Rosa, Monte, Stato attuale dei ghiacciai del: G. Dainelli, XIX. 522 †
- Rosario, Trade Rep., XVI. 126 †
- Rosberg, J. E.: Bottenvikens finska del-tan, VIII. 413 †; Dynerna på Taavon-saari, XIV. 332 †; Glacial formations in E. Finland, I. 545; Några dynbild-ningar på Bottniska vikens östkust, VIII. 413 †; Sääksmäki Soeken, XVI. 120 †; Sand-dunes and deltas of Gulf of Bothnia, VIII. 514; Vehkajoki's och Summajoki's mynningar, VIII. 413 †; Ytbildningen i Karelen med särskild hänsyn till ändmoränerna, XV. 547 †; Ytbildningar i ryska och finska Kare-len, etc., I. 468 †
- Roselet; Memoria del Inspector de la Colonia de Palena, IX. 242 †
- Rosen, P. G.: Levelling and sea-level observations on Swedish coasts (in Swedish), VIII. 189 †, 295 §; Projet de mesure d'un arc du méridien, IV. 381 †; Telegraphische Langenbestimmungen zwischen Lund, Göteborg, etc., VII. 109 †; Untersuchungen . . . der Grube Sala, VII. 337 †
- Rosenbach, A. S. W.: Rittenhouse Orrery, XV. 87 †
- Rosengartengruppe: H. Foreher-Mayr, XIII. 674 †
- Rosenmund, M.: Anwendung des photo-grammetrischen Verfahrens, X. 653 †
- Rosetti, E.: Emilia e Romagna, XIV. 111 †; Montefeltro, XX. 465 †; Sul Rubicone, XVIII. 632 †
- Rosh-kala fortress, Shugnaan, XVI. 678
- Rosier, W.: Le milieu géographique suisse comme facteur développement histor-ique, XVI. 573 †, 695 †
- Rosignoli, P.: F. Bonola Bey, XII. 105 †
- Rosmysloff's settlement on Novaya Zem-lya, XI. 358
- Ross, A. C.: Beira, V. 607 †
- , D.: Place-names, etc., of Shetland, V. 87 †
- , J.: Manchuria, VI. 294 †; Trade routes in Manchuria, XVIII. 454 †
- , Sir J. C.: Antarctic expedition, III. 8, 27; IX. 592; Biography, XIII. 570 †
- , Col. J. C.: Irrigation and agriculture in Egypt, I. 470 †
- , R.: Malaria and mosquitoes, XVII. 457 †; XIX. 662 †; Mosquito brigades, XX. 366 †

ROTHROCK

- Ross' gull of Polar basin, IX. 503, 520, 526
- Rosset, C. W.: Die hinterindischen Volks-stämme, VIII. 309 †; Die 1400 Male-diven-Inseln, IX. 105 †; Wild peoples of Farther India, II. 278 †
- Rossi, E.: L'emigrazione Italiana agli Stati Uniti, XVI. 252 †; XVII. 452 †; Piantagioni di Canna da Zucchero nelle Isole Hawaii, XVIII. 113 †
- , G. B.: L'Jemen avanti il profeta, X. 647 †; Nei paesi d'Islam in Barberia, etc., X. 656 †
- Rossikoff, Mme. A.: on Highlands of the Chechenes, XI. 427
- , K.: on glaciers of Caucasus, XI. 428; measurements of do., V. 378
- Rossmässler, F.: Die Halbinsel Apscheron, XVII. 674 †; Reise durch die Kalmuk-ensteppe, XVII. 318 †; Reiseerinnerungen aus den Karabagh'schen Bergen, XV. 193 †; Steppe und Hochgebirge in Russland, XVII. 546 †
- Rosthorn, A. von: Journey in W. China, XV. 278; Reise im westlichen China, VI. 581 †; VII. 201 §; Tea cultivation in W. Szech'uan and trade with Tibet, VI. 473 §, 485 †
- Rosthwaite alluvial plain, VII. 616
- Rostov-on-Don, population, IX. 658; X. 199
- Rota I.—Bericht über die Insel Rota (Marianen): Bezirksamtman Fritz, XIX. 237 †
- Rotata, X. 239; altitude, etc., X. 393
- Rotation of an elastic spheroid: S. S. Hough, VII. 683 †
- Rotch, A. L.: Circulation of atmosphere in tropical and Equatorial regions, XX. 674 †; Exploration of the air, IX. 244 †; Exploration of atmosphere at sea by means of kites, XVIII. 512; Do. free air, XIV. 345 †; On obtaining meteorolo-gical records in upper air, etc., XI. 103 †
- Roth, E.: Deutschen Dünen und ihr Bau, XVI. 484 †; Die Eiszeit, XIX. 661 †; Vegetation der Gewässer, XVIII. 647 †
- , H. L.: Aborigines of Tasmania, XV. 301 †; on the name Dyak (Dayak), VII. 432; Natives of Sarawak and Br. N. Borneo, VIII. 649 †; Notes on Benin art, XII. 633 †
- , M.: Norden (map), V. 610 †
- , W. E.: Ethnological studies among . . . Queensland aborigines, XII. 215 †; N. Queensland Ethnography, XX. 471 †
- Rother river, IX. 545; Rother-Arun valley, XV. 216, 220
- Rotherham, E. C.: On some caves in Slieve-na-Cailiagh district, IV. 185 †
- Röthlisberger, E.: Streifzug in die Llanos von San Martin, III. 440 †
- Rothpletz, A.: Geologische Wanderungen im Rhätikon, XVII. 442 †
- Rothrock, J. T.: Forests of Pennsylvania

ROTOMAHANA

- IV. 283 †; Our Pennsylvanian forests, VII. 216 †
- Rotomahana lake, changes near, IV. 567
- Rotuma: W. Allen, IX. 243 †; *Geology of*: J. S. Gardiner, XII. 193 §, 215 †; *Native of*: J. S. Gardiner, XII. 636 †
- Rouard de Card, E.: *Territoires africaines et Conventions franco-anglaises*, XVII. 676 †
- Roubaud river, shore formation: A. Selaigac on, III. 428
- Rouen, fluvial traffic of port, VI. 277; Trade, etc.: H. E. O'Neill, XII. 536 †
- Rougemont, L. de; on C. Australia, XII. 382
- Rouhaud, M.: *La Moyenne Nyanza*, XIX. 528 †
- Rouire, C.: *Annexion du Fouta-Djalou*, VIII. 417 †; *Colonie de Lagos*, V. 282 †; *Colonie portugaise d'Angola*, VII. 215 †; *Côte d'or anglaise*, IX. 105 †; *Côte française des Somalis*, XI. 94 †; *Délimitation de la République de Libéria*, IV. 377 †; *Ethiopie*, X. 551 †; *Géographie comparée de la Tunisie*, VIII. 190 †; *Haut-Oubangui et le Gabon*, IX. 238 †; *Maroc*, X. 552 †; *Omdurman et Fachoda, le Soudan égyptien*, XIII. 455 †
- Roujan, Canton de: P. G. de Rouville, XV. 433 †
- Roulet; explorations in Fr. Congo, XVII. 660; *Mission du Congo au Nil*, XVIII. 550 †
- Roumania: *see* Rumania
- Round the world on a wheel: J. P. Fraser, XIII. 689 †
- Roundstone, Connemara, Prehistoric Settlements near: W. J. Knowles, W. H. Paterson, R. L. Praeger, and F. J. Bigger, XV. 294 †
- Rousdon Observatory, Devon; *Meteorological observations*: Sir C. E. Peck, † VII. 110; XI. 193; XIV. 677; XV. 190
- Rousiers, P. de: *Teaching of geography and social science*, III. 352 †
- Roussel, E.: *Une ancienne capitale, Orange*, XVI. 570 †
- Rousselet, L.: *see* St. Martin, V. de
- Roussel, A.: *Reconnaissance . . . entre Port-Sibut et Bangui*, XX. 125 †
- Rousson, H.: *Application de la photographie au levé de plan*, VI. 587 †
- Routier, G.: *Deux mois en Andalousie et à Madrid*, VI. 484 †; *Droits de la France sur Madagascar*, VI. 488 †; *Histoire de Mexique*, VI. 489 †; *Mexique*, VI. 488 †
- Routledge, R. M.: *Falkland Is.*, VIII. 192 †
- Rouvier, G.: *Province chinoise du Yunnan*, VIII. 415 †; X. 549 †
- Rouville, P. G. de: *Aperçus de géologie communale*, XVII. 671 †; *Canton de Roujan*, XV. 433 †; *Leçon familière*

ROYAL

- d'anatomie du globe, XIV. 234 †; *Station géologique, etc.*: Les Fumades (près Alais), XVI. 120 †; *Quelques mots de géographie rationnelle*, IX. 116 †; XI. 688 †; *Sidobre*, XVII. 671 †
- Rouville, E.: *Lettre sur le Yunnan*, VII. 329 †; *Longitudes et altitudes observées et calculées*, VIII. 530 †; *Politique chinoise au Thibet*, XII. 430 †; *Renseignements géographiques . . . expedition du Prince H. d'Orléans*, X. 550 †
- , J. C.: *Canal de Jonction du Rhone à Marseille*, IV. 184 †, 270 §; XVI. 360 †; *Comment rendre nos colonies prospères*, VIII. 534 †; *Conditions de l'établissement d'un port Franc*, XVIII. 564 †; *Etang de Berre*, I. 278 †; *Isthme et Canal de Suez, historique, état actuel*, XIX. 399 †
- Rouzier, S.: *Dictionnaire géographique, etc.*, d'Haiti, II. 188 †; IV. 579 †
- Roviglio, A.: *Della Scandinavia e di un passo oscuro di Paolo Diacono*, X. 118 †
- Rovigo, Province of: Siro Corti, II. 472 †
- Rovinsky, S. P.: *Montenegro past and present*, III. 345 †
- Rovuma bay, Submarine river escape in, XIV. 397, 398
- river, cable fractures in, X. 275; *Deutsch-portugiesische Grenzgebiet am Rovuma*: F. Stuhlmann, X. 637 §; XI. 198 †
- Rowan, A. S., and M. M. Ramsey: *Island of Cuba*, XIII. 636 †
- Rowe, M. E.: *Geography made attractive*, XVII. 456 †
- Rowland, D.: *Fishguard invasion by the French in 1797*, III. 436 †
- , W. R.: *Kleinen Stamm von Orang Bukit*, XIII. 559 †
- Rowlee, W. W.: *Swamps of Oswego*, XI. 98 †
- Rowten Pot, Descente de, XIV. 224 †; S. W. Cuttriss on, XIV. 658
- Roxburgh, T. L., and J. C. Ford: *Handbook of Jamaica*, XVI. 127 †; XVIII. 336 †
- Roy, J. E.: *Baron de Lahontan*, VII. 222 †
- Royal Asiatic Society, Remarks on: R. N. Cust, XIX. 663 †; *Catalogue of library of Ceylon branch*, VII. 570 †
- *Atlas of Modern Geography*: W. & A. K. Johnston, † II. 192; III. 80, 167, 260; XVI. 498
- *Colonial Institute, Catalogue of Library*, V. 405 †; (Supplementary), XVIII. 650 †; *Index to papers and authors in*, X. 555 †
- Royal Geographical Society—
Address to Queen Victoria, X. 91, 206; *Annual Addresses on progress of geography*, II. 1; IV. 1; VI. 1; VIII. 1; IX. 589; XII. 1; XIV. 1; XVI. 1; XVIII. 1; XX. 1
- Awards of Medals, Grants, etc., I. 452;

ROYAL

Royal Geographical Society—continued.

- II. 79; III. 420; IV. 78; V. 592; VI. 91; VII. 654; VIII. 87; IX. 555; X. 107; XI. 660; XII. 86; XIII. 654; XIV. 102; XV. 639; XVI. 115; XIX. 629, 647; XX. 113; Educational prizes (to Training Colleges, etc.), II. 456, 547; III. 329; IV. 81, 269, 455; V. 377; VII. 425, 544; Special Nansen medal, VIII. 573, 633; IX. 249
- Balance sheets, II. 76; IV. 73; VI. 87; VIII. 83
- Bye-laws—alterations, etc., I. 78; VIII. 186; as to Anniversary meeting, VIII. 186; as to Special General meetings, IV. 70
- Educational work, II. 15; VI. 377; lectures: *see* Freshfield, Mackinder, Mill
- Election of ladies, I. 79; II. 72, 182
- Flag, VI. 183
- Improvements suggested to Ordnance Survey committee, II. 14
- Legacies to, Chandless, VII. 655; VIII. 5; Jackson, VI. 381; VIII. 5
- Library—Catalogues, IV. 2; VI. 379; VIII. 5, 86; X. 565; XII. 6; XVI. 3; Improvements, VI. 2; Presentation of books by H. Yates Thompson, XX. 648; Reports, II. 78; IV. 76; VI. 90; VIII. 85; X. 114; Retirement of H. R. Mill from librarianship, XVII. 69
- Map Room Reports, IV. 77; VIII. 87; X. 115
- Medals: *see* Awards *above*
- Meetings—Afternoon, V. 178, 393; VI. 3; VII. 106, 437, 559; II. 84; III. 421; IV. 82; V. 75, 377, 483; VI. 77, 84, 390; VIII. 81, 90; X. 107, 116; XII. 86; XIII. 89; XIV. 102, 107; XVI. 115, 117; XVIII. 98, 100; XX. 113, 117; Anniversary, II. 73; IV. 71; VII. 84; VIII. 81; X. 107; XII. 86; XIV. 102; XVI. 115; XVIII. 98; XX. 113; Fifth centenary of birth of Prince Henry the Navigator, III. 388*; Vasco da Gama celebration, XI. 661 (Ordinary meetings not indexed as such)
- Position at time of Queen Victoria's accession, and retrospect, IX. 590
- Premises, Alterations to, IV. 171
- Publications—Reports, IV. 76; Supplementary papers, new series, III. 232
- Royal Navy, The: W. L. Clowes, XV. 200†; Navy List: F. Lean, VIII. 537†
- Scottish Geographical Society, Livingstone gold medal, XIX. 381
- Society: Antarctic meeting, XI. 416; Medal awarded to Sir R. Strachey, XI. 75; Record of, XII. 642†; Year-book, † IX. 689; XI. 576; XX. 252

RUDOLF

- Royal Isle, Lake Superior, X. 97
- Royans et le Vercors, Explorations souterraines dans le: O. Decombaz, XV. 433†
- Royce, C. C.: Indian land cessions in U.S., XIX. 774†
- Rozenraad, C.: Commercial development of Germany, XIV. 110†; Commercial struggle of the Nations, XV. 90†
- Rozpide, R. B.: Publicaciones y Tareas de la Sociedad Geografica de Madrid, XIX. 534†
- Rozybnosh, S.W. Africa, II. 34
- Ruaména river, hot springs on, VI. 232
- Ruanda, C. Africa, V. 356; Bericht über einen Zug nach, XIV. 583†; Kandt's explorations, XVI. 559; Ramsay's expedition, XI. 299; Do. Expeditionen nach Ruanda und dem Rikwa-See: H. Ramsay, XIII. 92†
- Ruanweli Dagaba, ruins, Ceylon, IX. 661
- Ruapehu—Early ascent of: P. Allison, VII. 116†; Retrospect and prospect: H. Hill, VII. 116†
- Ruara tribe, Sahara, XX. 509
- Rubber forests of Nicaragua and Sierra Leone: A. W. Greely, IX. 687†; industry of Bolivia: M. V. Bullivian on, IX. 448; plants of W. Africa; Schlechter on, XIV. 445
- Rubel, O.: Niederschlagsverhältnisse im Ober-Elsass, VII. 327†; VIII. 394§
- Rubenson, R.: Méthodes à calculer la moyenne diurne de la température, etc., XIII. 328†
- Rubin, M.: Measure of Civilization, X. 234†
- Rubruck or Rubruquis; Journey of William of Rubruk, etc.: W. W. Rockhill, XVI. 485†; XVII. 298§
- Ruchuru river, C. Africa, XVI. 174
- Rücker, A. W.: remarks at Antarctic conference, X. 381; on proposed Antarctic expedition, XIII. 13; on National Antarctic expedition, XIV. 198; on N. Polar problem, IX. 516; Recent researches on terrestrial magnetism, XII. 218†; Terrestrial magnetism, X. 125†; XI. 522*
- Rudbar-i-Shin, Kurdistan, XVIII. 139
- Rud-i-Ax-i-Rustam, river, Persia, VII. 26
- Rüdiger, H.: Ehlersehen Expedition, IX. 109†; Expedition nach dem europäischen Nord-Meer, XIII. 199§, 459†; Huon Golf, etc., X. 458†
- Rud-i-Perián, Persia, XIX. 147
- Rudok, Tibet, VII. 477
- Rudolf, Lake, E. Africa, II. 486; VIII. 226; X. 440; XII. 303; XVI. 292, 298; hot lake near, XI. 392; volcano, XI. 390
- Expeditions (notes)—Austin, Bright, and Garner, XVIII. 533; Cavendish, X. 538, 566; Harrison and Whitehouse, XV. 533; Count Leontieff, XVI. 103, 558; Neuman, IX. 91; Wellby, XIV. 318

RUDOLF

Rudolf—*continued*.

- Expedition between Rudolf Lake and the Nile: A. D. Smith, XVI. 600 *; XVII. 450 †, 554 †
- From Zeila to: J. J. Harrison, XVIII. 258 *
- Journey from Omdurman to Mombasa *viâ*: H. H. Austin, XIX. 669 *
- Lake Rudolf: H. H. Austin, XIV. 148 *
Survey of West shore; H. H. Austin, XIII. 303
- Through Somaliland and around: H. S. H. Cavendish, XI. 372 †
— to: A. D. Smith, VIII. 120 †
- 'Twixt Sirdar and Menelik: M. S. Wellby, XIX. 197 §
- Rudski, P.: Kontraktionstheorie des Gebirgsbildung, etc., II. 189 †
- Rudler, F. W.: Report on geological specimens from Franz Josef Land, VI. 518
- Rudzki, M. P.: Age de la Terre, XVIII. 340 †
- Rue, M.: Explorations within bend of Congo, XVI. 562
- Ruenga river, I. 307
- Rufiji river—Expedition to: V. Grawert, VIII. 175; Rufiji-Delta: Prüssing, XVIII. 329 †, 444 §; Do.: Zeigenhorn, VIII. 311 †; Schmidt's surveys, IX. 562
- Ruge, S.: Anfänge der Kartographie von Deutschland, XIX. 393 †; Biographies, † XIII. 461; XVII. 682; XVIII. 343; Development of cartography of America, X. 460 †; Echtheit des Toscanelli-Briefes, XX. 564 †; Entdeckung des Seeweges nach Ost-Indien, XII. 219 †; Entdeckung Nordamerikas durch G. Caboto, X. 550 †; Entwicklung der Kartographie von Amerika, bis 1570, I. 284 †; Familie des Columbus, I. 90 †; on name of Mt. Everest, XIX. 653; Periplus Nordenskiöld's, XVII. 217 †; Prinz Heinrich der Seefahrer, III. 353 †; Unbekannte Südländ, VII. 337 †; Valentin Ferdinands Beschreibung der Azoren, XIX. 771 †; Zur Volkskunde aus dem unteren Innthal, etc., XVIII. 671 †
- , W.: Identifizierung antiker Oertlichkeiten, XVI. 131 †
- und E. Friedrich: Archäologische Karte von Kleinasien, XIV. 348 †
- Rügen I. (*see also* Moen)—
Botanischer Ausflug nach: P. Graebner, XVIII. 632 †
- Geologische Zusammensetzung und Schichtenfolge der Insel: W. Deecke, XVII. 206 †
- Lage . . . und Oberflächengestaltung der Insel: R. Credner, XVIII. 206 †
- Rügen; Ein Inselstudie: R. Credner, II. 378 †; III. 56 §
- Rügenschen Diluvial-Geschiebe: E. Cohen und W. Deecke, XVII. 206 †

RUMANIA

- Rugg's map of W. Nyasaland goldfields, II. 95 †
- Rugova, Albania, IV. 402
- Ruizi river, C. Africa, IV. 350
- Ruk and Mortlock Is., Notes on: F. M. Price, VII. 116 †
- Ruki river, C. Africa, I. 531
- Rukinga mt., E. Africa, V. 556
- Rukus, or Rukuse, river, C. Africa, IX. 386
- Rukwa lake, C. Africa, XIII. 604; XVI. 106; Explorations—XVI. 561; German Pendulum Exp., XV. 178; Langheld, XI. 68; Lechaptois, VII. 427; XIV. 666; Nutt, Ramsay, XIII. 72; Von Elpons, XI. 550; Wallace, XI. 668; letter from L. A. Wallace on, XV. 291; rift-valley, XIX. 639; Untersuchungen im Nyassa-See, etc.: F. Fülleborn, XVI. 561 §, 579 †
- Rules of the Road at Sea, New: H. S. Moore, IX. 688 †
- Rumania**—
Bulgarische Siedelungen in Rumänien: G. Weigand, XVII. 207 †
- Canalization of rivers: C. Chiru, IV. 84 †
- Comondărești, Geografia comunel: I. Titu, XI. 193 †
- Commerce extérieur de la Roumanie: V. Levy, XVII. 546 †
- Despre Romanii din Ungaria de Petru Vanceu, IX. 233 †
- Dictionar Geografie al României: G. J. Lahovari, † XII. 538; XIV. 676; XX. 465
- Documente Geografice: D. N. Jorga, XVI. 362 †
- Forests, XX. 536
- Geografia medicala a României: I. Felix, XI. 681 †
- Geographical Society of: Serbarea Jubileului, XVIII. 345 †; Société Roumaine de Géographie, XV. 449 †; Societatea Geografică Română, Buletin, XVI. 706 †
- Géographie physique, Géologie, etc.: E. de Martonne, XVIII. 104 †
- Maps—Government surveys of (Military Geo. Institute), XVII. 684 †; Harta-Murală: N. Mișăilescu, VIII. 655 †; XIV. 676 †; XX. 465 †
- Miscarea Populației României, XVII. 546 †
- Mouvements du sol et formation des vallées en Valachie: E. de Martonne, XVIII. 322 †
- Petroleumproduction in Rumänien, XX. 465 †
- Population, I. 181 †; Populations Danubiennes: R. P. van den Gheyn, XV. 435 †; Mouvement de la population . . . en 1894, XVI. 245 †
- Roumanie actuelle: J. Brun, XI. 193 †, 681 †
- à vol d'oiseau: A. de Richard, VI. 580 †

RUMANIA

Rumania—continued.

- Roumanie économique; La question du pétrole: L. Paquier, XX. 351 †
 — et les Roumains: Comte A. de Gubernatis, XIII. 452 †
 Rumania in 1900: G. Bengel, XVII. 546 †
 Rumänien, ein Land der Zukunft: G. Bengel, IX. 233 †
 Statistica agricolă din anul 1900, XVII. 546 †
 Trade Rep., XIV. 455 †; XVI. 694 †
 Trebunda de a se face cadastrul României: C. J. Brătianu, XIV. 455 †
 Rumelia—Entstehung und Wanderungen des Namens Rumelien: C. V. Sax, XI. 462 †
 Rummer, A.: Hohenmessungen bei der Militär-Mappierung, XII. 439 †; Photogrammetrie in Dienste der Militär-Mappierung, X. 459 †
 Rumpe, R.: Afrikas Angliederung an die europäische Culturwelt, XIV. 680 †; Entwicklung des englischen Besitzes in Afrika, XIII. 455 †; Frankreichs Afrikabesitz, etc., XII. 210 †
 Rundall, F. M.: Siyin Chins, III. 160 †
 Rundblick district, ranges of, VI. 182
 Runeberg, R.: Steamers for winter navigation and ice-breaking, XVI. 591 †
 Runes, whence came they? G. S. Stephens, V. 186 †
 Rung, G.: Répartition de la pression atmosphérique sur l'Océan atlantique, etc., IV. 584 †
 Rungwe mt., Nyasaland, V. 115; VII. 370; XV. 422; von Elpons' Ascent of, XIII. 433
 Runo, Eine Fahrt nach: A. Bielenstein, IX. 458 †
 Ruo river, E. Africa, II. 407, 416
 Rupert, W. W.: Geographical names, XVII. 566 †
 Rupert river, Labrador, V. 516
 Ruprecht; visit to Kolgueff I., V. 98
 Rural depopulation: G. B. Longstaff, III. 77 †
 Rusango lake, C. Africa, IX. 326
 Rusapi river, C. Africa, V. 41
 Ruscello, Monte, Italy, X. 422
 Rusden, G. W.: History of Australia, XI. 456 †, 670 §; History of New Zealand, VII. 446 †
 Rusizi or Lusizi river: C. Africa, VI. 316; IX. 327; XVI. 168; XVII. 10, 38; ascent by Lange, IX. 560
 Rusnaks—Haus und Hof bei den Rusnaken: R. F. Kaindl, IX. 572 †
 Ruspoli, Prince E.; Commemorazione: E. Millosevich, VII. 223 †; explorations of Jub river, III. 137; journey in Galla countries, VI. 384; to Lake Rudolph, IV. 66
 Russel, H.: Expedition to Barrow, Cavanagh, and Warburton ranges, XV. 648 §, 671 †

RUSSIA

- Russel Is., Antarctic, XVII. 481
 Russell, E. J.: Shetland Is., XII. 627 †
 —, F.: explorations in N. Canada, V. 486
 —, F. A. R.: Atmosphere in relation to human life and health, X. 232 †
 —, H. C.: Antarctic icebergs and shipping routes, XII. 527; Average monthly rainfall in N.S. Wales, IX. 242 †; Chart of Southern circumpolar stars, VIII. 200 †; Climate of Lord Howe I., X. 122 †; Current papers, X. 124 †; XI. 438 §; XIV. 465 †; XV. 89 †; XVI. 374 †, 689 §; XIX. 781 †; Hailstorms, III. 535 †; Icebergs in Southern Ocean, XI. 687 †; XII. 421 §; Meteorology of N.S. Wales, X. 458 †; Meteorological observations, etc., in N.S. Wales, II. 188 †; XVIII. 236 †; Moving anticyclones in S. Hemisphere, IV. 89 †; Ocean currents in Roaring Forties, IV. 569; Periodicity of good and bad seasons, X. 124 †; Physical geography and climate of N.S. Wales, I. 169 §, 185 †; Pictorial rain maps, IV. 89 †; Rain, river, and evaporation observations in N.S. Wales, †III. 536; VI. 198; VIII. 421; XIV. 463; Source of periodic waves, etc., XIV. 232 †; Water-spouts on coast of N.S. Wales, XIV. 345 †
 —, I. C.: Climate, vegetation, and drainage of Cascade Mts., XIX. 529 †; Eruptions at St. Vincent, XX. 432; Geography of Laurentian basin, XII. 543 †; Geology . . . of Nez Percé County, Idaho, XX. 358 †, 543 §; on Glacier movements, VIII. 74; Glaciers of America, XII. 553 *; Glaciers of N. America, XIII. 216 †; Influence of débris on flow of glaciers, VII. 220 †; Journey up Yukon river, VI. 489 †; Lakes of N. America, VIII. 191 †; Malaspina glacier, III. 533 †; Mountaineering in Alaska, IX. 240 †; Names of larger geographical features of N. America, 283 §, 553 †; Physical geography and geology of Cascade Mts., XVII. 662 §, 678 †; Present and extinct lakes of Nevada, XI. 201 †; Recent volcanic eruptions in W. Indies, XX. 672 †; Report of Conference on geography at Chicago, VI. 397 †; VII. 434 §; River development, XIII. 329 †; Second Expedition to Mt. St. Elias, V. 90 †
 —, R.: Natal, the land and its story, IV. 578 †
Russia (European and General; for Asiatic, see below)—
 Acclimation en Russie: N. Zograf, XI. 566 †
 All the Russias, Travels and studies, etc.: H. Norman, XX. 365 †
 Amber — Bernsteingruben nördlich von Polangen: A. Zweck, XVII. 546 †; Vorkommen des Bernstein

RUSSIA

Russia—continued.

- in Russland: F. T. Köppen, III. 250 †
- Anthropology—types . . . des grands Russes: N. Zograf, II. 88 †
- Bilder von der russischen Grenze: A. Zweek, XVIII. 322 †
- Borderland of Czar and Kaiser: P. Bigelow, V. 604 †
- Colonisation russe dans les gouvernements d'Oufa et d'Orenberg: P. C. d'Almeida, XIV. 112 †; Doi, le long de la Volga: P. C. d'Almeida, VII. 109 †
- Connaissance de la Russie en France, etc.: G. Saint-Yves, VI. 580 †
- De la Volga à la frontière sibérienne: G. Saint-Yves, XI. 566 †
- Down the Long Avenue: H. Norman, IX. 459 †
- Empire of Tsars and Russians: A. Leroy-Beaulieu, V. 86 †
- En nouvelle Russie: Baron de Baye, XVI. 363 †
- Finlande, Le conflit entre la Russie et la: J. Leclercq, XIX. 229 †
- From Baltic to Caspian: S. Mavor, XV. 189 †
- Geographical bibliography, XII. 320
- literature, VI. 554 *
- Society—E. Siberian Branch, I. 566 †; Expeditions, II. 71; Fifty years' history, X. 53; Jubilee, VII. 310; New branch, VIII. 408; New Society, XIX. 763; Reports, memoirs, and awards, I. 366; III. 337; V. 488; VI. 555; VIII. 406; IX. 566; XI. 75, 555; XIII. 666; XV. 288; XVIII. 317; XIX. 513; W. Siberian branch, II. 169; Travaux de la sous-section Troitzkossawsk Kiakhta, XIV. 581 †
- Geographische Reiseskizzen aus Russland: A. Philippson, XII. 538 †
- Growth of Russia: A. A. Grosvenor, XVI. 363 †
- Handbooks—Handbuch für Reisende: K. Baedeker, XIX. 228 †; Manuel du Voyageur: Id., XX. 552 †; Russia, Poland, and Finland: Murray, III. 69 †
- Histoire, géographie, littérature: E. Guénin, XIX. 228 †
- International Congress of archaeology and anthropology, III. 158 †
- Italy and Russia in 16th century: P. Pierling, II. 88 †
- Kalenders in Russland, Reform des: J. von Hegner-Rezfeld, XVIII. 104 †
- Mennoniten-Kolonien in Süd-Russland: H. van der Smissen, XII. 409 §; (Map): P. Langhans, XII. 443 †

RUSSIA

Russia—continued.

- Modern Russia, etc.: E. H. Parker, IX. 678 †
- Mourmane, Travaux de l'expédition pour l'étude . . . du: N. Knipovitch, XVIII. 227 †, 307 §
- Northern Highway of the Tsar: A. Trevor-Battye, XII. 93 †
- N. Russia, Across: C. Rabot, IV. 186 †; Exploration in: Id., I. 82 †; Through: B. Shitkoff and S. Buturlin, XX. 121 †; Russische Norden und die Murman-Küste: F. Immanuel, XIV. 331 †
- Notes on tour in Russia: A. Francis, XIV. 676 †
- Nouvelle détermination de la superficie de l'Empire de Russie: A. Tillo, XIX. 395 †
- Out of doors in Tsarland, etc.: F. J. Whishaw, II. 88 †
- Perm region: D. Smishlyac, III. 158 †
- Politisch-geographische Rückblicke: F. Ratzel, XII. 93 †
- Population—First Russian census: E. J. Dillon, XI. 682 †; Note on census: Pr. Kropotkin, IX. 657; Origines des populations . . . de la Russie méridionale et du Caucase: M. Zaborowski, XIX. 228 †; Peuplement et colonisation de la Russie d'Europe: P. Barré, XVIII. 633 †; XX. 121 †; Population of Russia: Pr. Kropotkin, X. 196 †; Premier recensement general de la population, XII. 93 †; XVI. 245 †
- Promenade en Russie: N. Lefebvre, XVII. 318 †
- Remains of stone-age inhabitants of shores of lake Słoien, etc.: V. S. Peredolsky, III. 158 †
- Russia as it is: W. Durban, IX. 676 †
- in Europe: G. Hubbard, VII. 439 †
- Russian Province of the North: A. P. Engelhardt, XIV. 112 †
- Russie à la fin du 19^e Siècle: M. W. Kovalevsky, XVII. 445 †
- Russischen Kriegsmarine in den arktischen Gewässern: J. von Schokalsky, XIII. 211 †
- Seculare Hebung der Küste bei Reval, etc.: A. Bonsdorff, IX. 678 †
- State defences: C. E. de la P. Beresford, XIII. 452 †
- Struggle of religions and races: E. J. Dillon, XII. 93 †
- Trip to Russia: G. F. Kunz, XIII. 211 †
- Voyage d'un Congrès en Russie: Mme. S. Meunier, XII. 538 †
- Voyage en Russie et en Perse: Grillières, XVIII. 326 †
- With Russian pilgrims: A. A. Boddy, I. 374 †

RUSSIA

Russia—continued.

Cartography and Surveying—

Carte hypsométrique de la partie occidentale, etc., VIII. 187 †

Climatological Atlas of Russian Empire (Nicolas Central Physical Observatory), XVII. 685 †; Atlas climatologique de l'Empire de Russie: L. Barré, XVIII. 104 †

Dislokations-Karten der Russischen Armee: H. Bober, VI. 202 †

Entwicklung der russischen Militär-Kartographie: S. Truck, XIV. 332 †; XVI. 573 †

European Russia and Siberia: A. Shevelevuim, XVIII. 651 †

Financial and statistical Atlas: E. A. Antropoff, XIII. 222 †

Geodetic connection between surveys of Russia and India: Sir T. H. Holdich, VIII. 309 †

Geological map: Comité géologique, St. Petersburg, II. 63, 284 †; Geologische Karte von Russland: A. Stuckenberg, XIII. 211 †

Hydrographic charts, † XI. 211; XII. 745; XIV. 351, 695; XV. 451; XVII. 460; XVIII. 463; XIX. 416, 668; Hydrographic Department, Account of operations, XVIII. 115 †; Publications, XIII. 220 †; Report, XIX. 228 †

Surveys in Caucasus, II. 484

Climatology and Magnetism—

Anomalies magnétiques . . . mines de Krivoi-Rog: P. Passalsky, XX. 121 †

Cyclonenbahnen in Russland: P. Rybkin, XIII. 211 †

Déterminations magnétiques . . . de Koursk: T. Moureaux, XIII. 211 †

Deux sondages profonds et anomalies du magnétisme terrestre: S. Niketin, XVIII. 104 †

Distribution du vent . . . dans l'Empire Russe: J. Kiersnowsky, VII. 677 †

Elements magnétiques, observés à Worobiewo, etc.: Prince B. Galitzine, XI. 88 †

Klimakarten des Russischen Reiches (Pet. Mitt.), XVIII. 347 †

Magnétisme terrestre à Kamenets-Podolsk, Khotine et Odessa: W. Dubinsky, XIII. 211 †

Meteorologico-agricultural observations: A. I. Voëikoff, VI. 293 †

Ouragans de poussière dans la Russie méridionale, VI. 293 †

Regengebiete des Europäischen Russlands: W. Koppen, VI. 484 †

Commerce and Communications—

Beetroot-sugar industry, XII. 538 †

Beschreibung russischer Handels-hafen, V. 604 †

RUSSIA

Russia—continued.

Coal crisis (F.O. Rep.), XVI. 245 †

Germanen am Schwarzen Meere: J. Hoops, IX. 233 †

Glasgow Exhibition: Russia, its industries and trade, XX. 465 †

Industriegebiete des östlichen und nördlichen Russlands: W. Gotz, XIII. 211 †

Industries of Russia: ed. J. M. Crawford, III. 158 †, 250 †

Journal of financial statistics, XV. 661 †

Lighthouses, etc., along Baltic coast, XI. 566 †

Material and Intellectual resources: M. Gourévitch, I. 564 †

Mineral and metallurgical industries (F.O. Rep.), XVIII. 633 †

Mines d'or . . . de Kotehkar dans l'Oural: N. Wysotsky, XVIII. 227 †

N. Russia—Trade and agriculture, XII. 538 †

Petroleum trade; Production of crude oil of Baku fields, XX. 354 †

Railway mileage, II. 70; Russian railways (F.O. Rep.), XVI. 120 †

River fleet, IV. 172

Russie dans l'Océan glacial arctique; le port Catherine, XI. 566 †

Russlands Meeresporten und seine Etappenstrassen nach Indien und Ostasien: R. Rabe, XVII. 318 †

Sailing notes, XVI. 242 †

Système Marie (canals): J. Legras, XV. 189 †

Trade Rep., XV. 294 †

Waterway between Baltic and Black Sea (F.O. Rep.), XVII. 207 †

Explorations—Abyssinia, V. 168; XIV. 663; Arctic, XIV. 327; XV. 651; Asia, C., XIII. 432, 658; XV. 56; Asia, N.E., XI. 177; Manchuria, IX. 557; XI. 63; Siberian sea, XV. 72; Tibet, IV. 64; IX. 546 *

Degree-measurement Expedition to Spitsbergen, XVI. 111, 567, 688; XVIII. 626

Oceanographical work, I. 554; XIV. 438

Polar expedition in the *Sarya*: Baron E. von Toll, XIX. 475 *; Summary report for 1901, XX. 216 *

Russian Navigators in Arctic Ocean in 1895–96: J. Schokalsky, XII. 172 *

Russische Muonio - Expedition: F. Kanitz, X. 453 †

Tibet expedition, 1899–1901: P. K. Kozloff, XIX. 576 *

Work in Novaya Zemlya; D. Morgan on, X. 472

Fauna, Flora—

Distribution of fauna: A. Nehring, I. 82 †

RUSSIA

Russia—continued.

Fauna der russischen und westsibirischen Steppen, etc.: A. Nehring, XIX. 394 †

Flora der südrussischen Steppen: A. Krassnow, XIX. 395 †

Forests, Extent of, I. 453

Tentamen Floræ Russiæ: S. Korshinsky, XIV. 112 †

Vegetationskizze Mittelrusslands: E. Krause, X. 647 †

Waldgränzen in Süd-russland: G. T. Panfiljew, V. 86 †

Physical Geography—

Abrasion glaciaire: H. Arctowski, XX. 240 †

Annuaire géologique . . . de la Russie: N. Krichtafowitch, IX. 233 †, 678

Bibliothèque géologique de la Russie: S. Nikitin, † VII. 676; IX. 678; XIII. 211; XIX. 228

Catalogue of earthquakes: J. Mushketof and A. Orlof, III. 345 †; VI. 186 †

Description sismique de l'Empire Russe: F. de Montessus de Ballore, XVI. 694 †

Drainage of marshes in west, I. 158

Ecorce terrestre dans la Russie d'Europe: Karpinsky, VII. 328 †

Eisverhältnisse an den Seeküsten des russischen Reiches: J. Spindler, V. 604 †

Flüsse des Europäischen Russlands, Untersuchung der Quellengebiete der: A. von Tillo, XIX. 394 †

Geological section from Moscow to Siberia: P. Frazer, XII. 322 †

Geologie und Bodenverhältnisse im Kreise Borowitschi: P. Zemjatschensky, XVI. 573 †

Glaciers, XII. 184; Action des anciens glaciers sur le relief actuel: J. Bertrand, XX. 240 †, 535 §; Exploration of: I. V. Mushketoff, XII. 208 †

Hydrography: see under Cartography

Lakes — Kulikowski's Untersuchungen über das Zuwachsen, etc., der Seen in dem Gebiete von Onega: D. Krahmer, V. 279 †; lakes at source of Don: E. I. Lutzenko, XVII. 546 †; Seen der Gouvernements Twer, Pskow und Smolensk: Krahmer, VII. 109 †; see Ladoga, etc.

Limans—Beiträge zur Kenntniss der Limane Südrusslands: N. Sokolow, XII. 93 †; Entstehung der Limane Südrusslands: N. Sokolow, VII. 677 †; Exploration of, XV. 174

Manganerzlager . . . des Gouvernements Jekaterinoslaw: N. Sokolow, XIX. 394 †

RUSSIA

Russia—continued.

Morphologie des europäischen Russland: A. Philippson, XV. 435 †

Niederschlagsschwankungen in den Flussgebieten der Wolga, etc.: E. Heintz, XVIII. 322 †

Oro-Hydrographische Skizze . . . Wjatha: P. Krotow, VIII. 307 †

Recherches hydrobiologiques . . . de la Russie méridionale: A. Ostroumoff, XI. 88 †

Rivers, Expedition for exploration of, IV. 61; Rivers and forests: M. Flahault's researches, XIX. 751

Scenery, monotony of, IX. 566

Steppes, III. 320; Origin, etc.: A. Krasnov, III. 529 †; Study of soil, etc.: V. V. Dokuchaev, III. 251 †; Steppe und Hochgebirge in Russland: F. A. Rossmässler, XVII. 546 †

Structure of Lower Moscow peat-moor: I. Tanfiljew, XVII. 546 †

Temperatur russischer Flüsse und Seen: A. Woëikof, X. 453 †

Tifliser Physikalischen Observatorium, Beobachtungen des, IX. 233 †

Topographischen Arbeiten im west-russischen Grenzgebiete: J. Bielawski und V. H. von Hartenthurn, XVIII. 547 †

Sur les roches éruptives du Tilai-Kamen: Dupare et Pearce, XIX. 228 †

Russia, Asiatic—

Awakening of the East: P. L. Beau-lieu, XVIII. 165 §

Birds of Siberia: H. Seebohm, XVIII. 108 †, 167 §

Cartography and surveying—Asiatic Russia (Ministry of Ways of Communication), XIX. 114 †

Geologische Skizze der Neu-sibirischen Inseln, etc.: Baron Toll, XVI. 498 †; Russische Asien und Franz Josef Land, etc.: A. Wilkitski, X. 126 †; Tiefen-karte der Ob- und Jenissei-Mündungen, XII. 644 †; Sibirikows Weg von Jakutsk zum Ochotskischen Meere, XIX. 787 †; Southern frontier regions, XVIII. 537 †

Climat de la Sibérie orientale, etc.: A. Woëikof, XI. 296 §, 568 †; Klima Sibiriens: L. Studnicki, XIII. 559 †; Mitteltemperaturen von Ostsibirien: A. Woëikof, XVII. 321 †; Summer in N. Siberia, II. 345; Woëikof's observations on temperatures, V. 267

Colonization — Colonisation de la Sibérie, VIII. 651 †; Colonisation en Sibérie; la steppe Kirghize: P. Labbé, XIX. 654 †; Colonisation russe en Asie: E. Blanc, IV.

RUSSIA

Russia, Asiatic—continued.

- 376 †; VIII. 649 †; Emigration en Sibérie: M. Stromberg, XVII. 674 †; Progrès de la colonisation en Sibérie: P. Labbé, XX. 668 †; Russian emigration, II. 336; IX. 663
 Deltagebiet der Flüsse Ural, etc. (map): A. F. Stahl, XVIII. 246 †
 Eastern Siberia, papers on, VI. 555
 Flora—Distribution des plantes en Sibérie et dans l'Asie centrale: G. Saint-Yves, XVI. 698 †
 Geschichtliche Entwicklung Sibi-riens, XVI. 578 †
 Gold-bearing region of Sama, etc.: V. Obrucheff, XI. 197 †; XII. 207 †
 Haut-Amour et la Chilkla: G. Weu-lerse, XIX. 770 †
 Inskrifterna . . . Orkhon och Jenissei: K. F. Johansson, VIII. 651 †
 Khokand and China: E. H. Parker, XIV. 581 †
 Kreis Surgut in West-Sibirien: P. von Stenin, VII. 331 †
 Local museums, II. 169
 Natur des Gebietes Jakutsk: P. von Stenin, XVI. 248 †
 New Siberia, The: J. Y. Simpson, XV. 437 †; H. de Windt, IX. 238 †
 Occupation of Manchuria, XVII. 189
 ——— Transcaspian territory, Results, I. 159
 Okhotsko-Kametchatsky Kraij: H. V. Sliuinin, XVII. 551 †; XVIII. 524 §
 Ost-Sibirien: G. L. Fritz, VIII. 309 †
 Photographs: Pr. Demidoff, XVII. 687
 Prisons of Siberia: J. Y. Simpson, IX. 681 †; XI. 92 †
 Russia in Asia, Record and study: A. Krausse, XVII. 321 †
 Russian Central Asia: A. R. Colqu-
 houn, XVI. 248 †
 ——— hosts and English guests in
 C. Asia: J. T. Perowne, XIII. 214 †
 ——— work in E. Siberia, XI. 428;
 in Transcaspian territory, XII.
 306
 Russo-Chinese frontier, XVII. 674 †
 Russland in Asien, Historisch-wirt-
 schaftliche Skizze: M. Meister,
 XIX. 525 †
 Siberia: E. Grosvenor, XIX. 106 †
 ——— and C. Asia: J. W. Book-
 walter, XV. 437 †
 Sibérie occidentale et centrale: M. C.
 Aulagnon, XVIII. 326 †
 Sibirien und die Gebirgsländer rus-
 sisch-asiatischen Grenzgebiete: M.
 Friederichsen, XX. 668 †
 Side-lights on Siberia: J. Y. Simp-
 son, XII. 97 †
 Tomsk à Tachkent, l'instruction pub-
 lique: P. Labbé, XII. 206 †, 207 †
 Travaux des Russes dans l'Asie sep-
 tentrionale: L. Raveneau, XIII.

RUSSIA

Russia, Asiatic—continued.

- 321 †; Travaux . . . en 1895 et
 1896: J. de Schokalsky, XI. 92 †
 Wahrheit über Sibirien: L. Stud-
 nicki, XIV. 335 †
 Ethnography—
 Aborigines, V. 376; Ethnographie
 recherches: J. Janko, XVI. 347
 Erläuterungen zur ethnographischen
 Karte des Tobolskischen Kreises,
 XVII. 210 †
 Irtysh Ostjaken und ihre Volks-
 poesie: S. Patkanov, XVII. 674 †
 Jukagiren im Nordosten Asiens: W.
 Joehelson, XIII. 448 †; Sprache
 und Schrift der Jukagiren: Id.,
 XVII. 448 †
 Life with Trans-Siberian savages:
 B. D. Howard, II. 379 †
 Om de fornturkiska inskrifterna från
 Orkhon och Jenisseisk: K. F.
 Johansson, VIII. 651 †
 Peuplades du nord-est de l'Asie: I.
 Radlinski, XII. 214 †
 Population of Sakhalin and Siberia,
 IX. 658; X. 198
 Yakuts, The, X. 437
 Yakutsk—Ethnographische Forsch-
 ungen . . . der Provinz Jakutsk:
 W. Joehelson, XII. 324 †
 Explorations and travel (*see also* Trans-
 Siberian Railway *section below*)—
 Notes, XI. 177, 428; XII. 411;
 Bogdanovitch's Expedition, X. 635;
 XIII. 658; Czekanovskii, XII. 412;
 glaciers, exploration, XII. 185;
 Jesup, XIX. 215; mining expedi-
 tion, I. 546; Obrucheff's, VII. 95;
 Petroff's, VII. 94; river-mouths,
 VII. 545; sea route to, letter from
 J. G. Proctor, III. 151; Baron Toll
 (*see also* New Siberia Is.), I. 161;
 III. 124, 142; 409*; V. 373; Count
 Zichy, XI. 666
 Beyond Petsora Eastward: H. J.
 Pearson, XV. 189 †
 Bogdanowitsch' Ochotskisch-Kamt-
 schatkasche Bergexpedition: Gen.
 Krahmer, XVI. 222 §, 366 †
 Du Volga à l'Irtisch: Baron de Baye,
 IX. 238 †
 Efterforskningarna efter Andrée-ex-
 peditionen i Sibirien: J. Stadling,
 XIV. 582 †; Botaniska Arbetena:
 H. Nilsson, XIV. 581 †
 Great frozen land: F. G. Jackson,
 VI. 293 †
 Hydrographischen Expedition im
 1895 nach dem Jenissei, etc.: A. A.
 Wilkitzki, XI. 92 †
 Journey from Irkutsk to Urga: H.
 Leder, III. 347 †
 Magnetische Beobachtungen auf einer
 Reise: E. Stelling, IX. 339 †
 Mammoth—Fund einer Mammut-
 leiche in Ostsibirien: N. Adelung,

RUSSIA

Russia, Asiatic—*continued*.

- XVIII. 638 †; Herz's Expedition, XVIII. 212
 Moscou à Krasnoïarsk: Baron de Baye, X. 120 †; à Vladivostok: D. Levat, VIII. 309 †
 My recent voyages in Siberia: Wiggins, V. 605 †
 Neuesten russischen Seenforschungen in Westsibirien: B. Adler, XIX. 397 †
 Neueste topographische Erforschung Sibiriens: H. Kern, VIII. 651 †
 On sledge and horseback to outcast Siberian lepers: Miss K. Marsden, I. 376 †
 Orkhon basin, Expedition to: W. Radloff, I. 566 †
 Real Siberia, The; with ... Manchuria: J. F. Fraser, XX. 244 †
 Reiseerinnerungen aus Sibirien und dem Uralgebiet: Hauptmann Krafft, XX. 467 †
 Reisen und Forschungen im Amurlande: L. Schrenck und W. Grube, XVII. 89 †
 ————— im Jakutskischen Gebiet: Baron G. Maydell, IV. 282 †; VIII. 417 †
 Resa i vestra Sibirien: J. R. Martin, IV. 376 †
 Roughing it in Siberia, etc.: R. L. Jeffreson, XI. 197 †
 Scientific results of expedition to N. Siberia in 1885–86: J. D. Tscherski, I. 565 †
 Through Siberia: J. Stadling, XVII. 674 †
 Tomsk à Tashkent: P. Labbé, XII. 206 †
 Topographische . . . Aufnahmen in Sibirien 1805: D. Krahmer, XI. 91 †
 Travels in the East of Russia: Prince E. Ookhtomsky, IX. 117 †
 Travaux des officiers hydrographes russes dans l'Océan Arctique, etc.: J. de Schokalsky, XIX. 397 †
 Trip through Siberia: E. J. Hill, XX. 124 †
 Weg von Jakutsk zum Ochotskischen Meer: A. Sibirjakow, XX. 354 †
 Physical Geography—
 Altitudes—Données hypsométriques, etc.: C. Hiekkisch, XIX. 769 †; Pr. Kropotkin on, XIX. 634
 Erdmagnetische Beobachtungen in Obdorsk und Ssamarowo: H. Abels, XVII. 89 †
 Fossilen Eislager und ihre Beziehungen zu den Mammuthleichen: Baron E. von Toll, VI. 295 †
 Gebirge Nordsibiriens: Immanuel, XIV. 335 †
 Geologie der Westküste des Ochotskischen Meeres: K. Bogdanovich und C. Diener, XVIII. 326 †

RUSSIA

Russia, Asiatic—*continued*.

- Geologischen Ergebnisse der Reisen von Baron E. Toll: C. Diener, XVI. 698 †
 Glaciation, VIII. 393; of N. Siberia: A. P. Gherasimoff on, XVIII. 619; N. Coast, IX. 486, 488
 High plains of Siberia, XVI. 95
 Inundations in Siberia, XI. 177
 Laes salés Sélétz-Denghiz, Téké et Kizil-Kak du district d'Omsk: L. Berg et P. Ignatow, XVIII. 107 †
 Teniz-Kurgaljinsk lake-basins in Akmolinsk district: P. Ignatov, XVII. 674 †
 Trade and Communications (*see also below*)—
 Coal, III. 331; Sur les résultats des recherches du charbon mineral . . . en Sibérie: Venukoff, VIII. 651 †
 Navigation on rivers, II. 366; Sibiriens Wasserstrassensystem: A. Jurgensohn, VI. 382 †; Wasserstrassen-Verbindungen in Sibirien (map): A. Ssibirjakoff, VI. 590 †
 Nördliche Seeweg aus Sibirien: Krahmer, XX. 668 †
 Our future trade in Siberia: O. Suzuki, XI. 92 †
 Placers aurifères de la Sibérie: T. Sabachnikoff et E. D. Levat, X. 228 †
 Recherches des Russes de la route maritime de Sibérie: J. de Shokalsky, VIII. 310 †
 Railway policy in Asia: R. E. C. Long, XV. 190 †; Railways in Asia and their influence on commerce of the world: F. Immanuel, II. 278 †
 Russian trade with C. Asia, III. 236
 Seeverbindung zwischen Europa und West-Sibirien: A. Franz, XII. 207 †
 Sibérie économique: C. Aulagnon, XIX. 769 †; Do. en 1898: J. Legras, XII. 324 †
 Trading expedition to, X. 538
 Trans-Siberian Railway, I. 546; III. 58 121, 142; V. 381; VI. 181; VII. 311; XIV. 317; XIX. 216; Transbaikalian branch, XVI. 223
 Achèvement du Transsibérien: H. Bidou, XIX. 770 †
 Chemin de fer en Asie centrale; Junction du Transcaspien avec le Transsibérien: P. Gourdet, XVI. 366 †
 ————— transsibérien, II. 473 †
 De Moscou à Vladivostok: D. Levat, VIII. 309 †
 Entlang der Sibirischen Bahn: A. F. Stahl, XX. 124 †
 Etat actuel du chemin de fer transsibérien, XII. 206 †

RUSSIA

Russia in Asia—*continued*.

- From Japan to Europe by Trans-Siberian route: H. A. Bonar, XIX. 770 †
- Geodetic works connected with Great Siberian railway: E. A. Kovarsky, XII. 207 †
- Great Siberian iron road: J. Y. Simpson, IX. 238 †
- railroad: A. M. Brice, XIX. 231 †
- railway: Pr. Kropotkin, V. 146 *
- Great Trans-Siberian-Manchurian railway: A. R. Colquhoun, XVII. 448 †
- Grosse Sibirische Eisenbahn, XVII. 448 †
- Guide to Great Siberian railway, XVIII. 163 §
- Jetzige Stand der transsibirischen Bahn: Berghaus, XI. 196 †
- Ribbon of iron: A. M. B. Meakin, XX. 354 †
- Russian Empire and Trans-Siberian railway, XVII. 547 †
- Siberia and Great Siberian Railway, III. 158 †
- Siberian railway: C. R. Beazley, XVII. 210 †
- Transcontinental railway: A. W. Greely, IX. 681 †
- Sibérie et le chemin de fer transsibérien: T. Sabachnikoff et E. D. Levat, VIII. 309 †
- et le grand Transsibérien: L. Vallée, XVIII. 108 †
- Sibirien und die grosse Sibirische Eisenbahn: G. Krahmer, XII. 207 †
- Situation des provinces traversées par le Transsibérien: M. P. Labbe, XX. 244 †
- Trans-Siberian railway: C. E. de la P. Beresford, XIII. 679 †; W. Durban, XIV. 680 †; (Foreign Office Rep.), XVII. 210 †; W. H. H. Waters, XIV. 116 †
- Transsibérien et la navigation sur le fleuve Amour: T. Sabachnikoff et E. D. Levat, VIII. 309 †
- et le Trans-mandchourien: G. Vasco, IX. 681 †
- et les excursions en train de luxe, XIII. 214 †
- Transsibirische Eisenbahn: J. Grunzel, XVII. 210 †
- Russian lake, Tibet, XIX. 594
- Rustingen and Wangerland, am Jadebusen: R. Hansen, XIX. 535 †; Do., Küstenänderungen in: Id., XIX. 766 †
- Rutherford, J. S.: Retention of Maori names in New Zealand, II. 172
- Ruthven, J. F.: Navigation, XII. 103 †; Nautical astronomy, XII. 329 †
- Rutimeyer, L. von: C. Schmidt, IX. 115 †

RYDER

- Rutland, J.: Ancient pit dwellings of Pelorus district, XI. 102 †
- Rutledge, C. S.: Guide to Queensland, XIV. 686 †; Souvenir of farewell banquet to Earl of Hopetoun, XVII. 325 †
- Rutot, A.: Le cours de l'Escaut, etc., X. 225 †; Le cours de la Meuse, IX. 458 †
- Rutter of the See: R. Copland, with notes by J. Dundas White, XVII. 445 †
- Ruvarac, V. and A. Penck: Abfluss und Niederschlagsverhältnisse von Böhmen, IX. 335 †, 563 §
- Ruvuma valley and plain, X. 637
- Ruvuvu river, C. Africa, VI. 315; XVI. 559
- Ruwenzori Mt., C. Africa (*see also* Moon, Mountains of the), II. 486; VII. 660; XVII. 19; altitudes, VI. 323; XIX. 41; animals, VI. 312; XIX. 33; ascent by Wyld, XIX. 86; climate and white cloud, VI. 308; Expedition, G. F. Scott Elliot's, IV. 349*; V. 377; flora, VI. 311, 321; XIX. 31; geology, VI. 310; glaciers, XIX. 36; letter from E. S. Grogan on his picture of, XVI. 693; tribes, XIX. 39; Vegetation, XIX. 30
- Expedition to Ruwenzori and Tanganyika: G. Scott Elliot, VI. 301 *
- Geology of: G. Scott Elliot and J. W. Gregory, VI. 582 †
- Minerals and rocks collected by Sir H. Johnston's Expedition, XIX. 49; Plants, ditto, XIX. 42
- Uganda Protectorate, Ruwenzori, and Semliki forest: Sir H. Johnston, XIX. 1 *
- Visits to: A. R. Tucker, XIV. 680 †
- Ruzi river, Sudan, XIX. 385; identification, XX. 230
- Ryberg, C.: Om erhvervs- og Befolknings-Fordholdene i Grønland, II. 475 †; III. 536 †; Fra Missions- og Handelstationen ved Angmagssalik, XII. 216 †; XIII. 96 †
- Rybkin, P.: Die Cyclonenbahnen in Russland, XIII. 211 †
- Ryeroft: Mediterranean coast region of Egypt, XX. 502 *
- Rydberg, P. A.: Plant geography of N. America: Composition of Rocky Mt. flora, XVII. 556 †
- Ryder, C.: award to, IX. 555; X. 109; biography: A. Meissler, IX. 115 †; Condizioni dei ghiacci nel Mar di Groenlandia, XIII. 96 †; E. Greenland expedition, I. 43*; II. 18; XVII. 58; Isforholdene i Nordhavet, VII. 447 †; Observations... dans le Scoresby Sound, VII. 682 †; Some investigations relating to ocean currents in sea between Norway, Scotland, and Greenland, XX. 364 †
- , Capt. C. H. D.: survey in Yunnan, XVIII. 439

RYKACHEFF

- Rykacheff, A.: medal awarded to, VIII. 407; on closing of rivers by ice, X. 621
 Rylands, T. G.: Geography of Ptolemy elucidated, II. 381 †; III. 338 §
 Ryley, R. H.: Ralph Fitch, XV. 303 †

S

- Saad, L.: Zwei türkische Städtebilder aus der Gegenwart, IX. 238 †
 Saale, river — Laufveränderungen der Saale: O. Schroeter, XI. 191 †; Urkundliche Nachweise über den Lauf der: H. Grössler, XI. 191 †; Wasserhaushalt im Stromgebiet der thüringischen Saale: W. Ule, IX. 336 †; Zur Hydrographie der Saale: W. Ule, VIII. 647 †
 Saar, J. J.: Account of Ceylon, 1647-57, I. 83 †
 Saas; Ascents near: E. S. Balch, X. 226 †; Noms de lieux dans la vallée de Saas: W. A. B. Coolidge, X. 226 †
 Saavedra, B.: Limites con el Bresil y la cuestión del Acre, XVIII. 335 †
 Saba, W. Indies; submarine river escape, XIV. 400
 Sabachnikoff, T., and E. D. Levat: Placers aurifères de la Sibérie orientale, X. 228 †; Sibérie et le chemin de fer Transsibérien, VIII. 309 †; Transsibérien et la navigation sur le fleuve Amour, VIII. 309 †
 Sabeian emigrants and trading company to Africa, IX. 316; occupation of Ethiopia, II. 143
 Sabei people, E. Africa, XIX. 16
 Sabi river, E. Africa, II. 510; Country and vegetation between Sabi and Limpopo, II. 514; Position, I. 152; A. V. William's ascent of, I. 270
 Country East of Junction of Sabi and Odzi rivers: Right Rev. G. W. H. Knight-Bruce, I. 344 *
 Sabine, E.: voyage to E. coast of Greenland, XVII. 58
 Sabine I., E. Greenland, XVI. 664
 Sable I.: G. Patterson, VI. 583 †; Supplementary notes, XIV. 229 †; To utilize Sable I.: H. B. Small, XIV. 583 †
 Sabz-kuh range, Persia, IV. 485
 Sacchi, M.: Omo e Baro secondo una carta Abissina, V. 283 †; Studio geologico sul materiale raccolto da: G. de A. d'Ossat e F. Millosevich, XVIII. 551 †
 Sachau, E.: Am Euphrat und Tigris, XVI. 578 †; XVII. 185 §
 Sachse, W.: Wiederauffindung der Bouvet-Insel, XIV. 458 †
 Sachu: see Saitu
 Sacken, C. R. Osten: Bugonia-Lore of the ancients, VII. 224 †
 Sacramento, Pampa del, Peru, XVII. 379
 ——— river, California, I. 537
 Sacred books of the East; ed. F. Max

SAHARA

- Müller, † IV. 92; V. 404; X. 656; XIV. 589; XVI. 591
 Sacred Tree, The: Mrs. J. H. Philpot, IX. 349 †
 Sadad, Arabia, VI. 113
 Sadagh, Euphrates, VIII. 459, 460
 Sadang—Tocht naar de Boven-Sadang (Midden-Celebes): A. P. van Rijn, XX. 243 †
 Sadaseewjee, J.: Baroda Waterworks, IV. 376 †
 Sadler, H.: see Hayes-Sadler
 Sagan river, E. Africa, IX. 383; XVIII. 271
 Saghalien: see Sakhalin
 Saghia, Wadi, IX. 629
 Saghru, Jebel, V. 325
 Sagliscendi, Vallone di, X. 483
 Sagres, Prince Henry the Navigator at, III. 390
 Sahara—Algerian (French Surveys), XII. 412; Artesian Wells, XIX. 563; (G. Rolland's well borings), II. 66; Dunes (conical), IX. 292; (fixing of), VIII. 297; Surface Water (G. Rohlf's observations), III. 236; Unexplored areas, II. 485; F. S. Zaytoun's remarks on, X. 96
 Am Nordrande der Sahara: W. Behrens, XVI. 251 †
 A propos du Transsaharien: P. Bonnard, XIX. 400 †
 Atlas og Sahara: Y. Nielsen, V. 181 †
 Au Sahara; la vérité sur la mort de Mlle. Tinné: P. Vuillot, XII. 219 †
 Aus dem Thierleben der Sahara: F. Werner, XVII. 211 †
 Balloon voyage across: Hourst, XII. 317; Peut-on traverser le Sahara central en ballon? L. Dex, XIII. 93 †; Projet de traversée du Sahara par un ballon non monté: M. Deburaux, XIX. 772 †
 Ce qu'il faut penser des Touareg: J. B. d'Attanoux, XII. 210 †
 Chemin de fer transsaharien: C. Bernard, XV. 82 †
 Colonisation africaine et les chemins de fer transsahariens: A. Duponchel, XV. 83 †
 De Dakar au Cap Juby, VII. 443 †
 Deux rives françaises du Sahara: A. Terrier, XVIII. 641 †
 Dévonien inférieur dans le Sahara occidental: H. Flamand, XX. 246 †
 Dunes au Sahara: P. Privat-Deschanel, VII. 443 †
 Eau dans le Sahara: J. Lahache, XIV. 226 †; XIX. 233 †
 Expeditions—Cazemajou's; Massacre of, XII. 316 † D'Attanoux's, IV. 65; Fourreau's: see below s.v.; French, IV. 176; Expédition du Marquis de Morès: G. Thilenius, IX. 577 †; Mission Blanchet, XVII. 72 §, 555 †; XVIII. 110 †, 330 †; Peroz's, XIX.

SAHARA

Sahara—continued.

- 218; railway expedition, XV. 418;
C. H. Robinson's, II. 453; Servièrè,
see below s.v.
Exploration du: H. Schirmer, XI. 199 †;
Do.: P. Vuillot, VI. 195 †
Foureau, F. (Foureau and Foureau-
Lamy expeditions), III. 332; IV. 65;
V. 385; VI. 185; VII. 663; XII. 611;
XIII. 533; XV. 280; XVII. 135*;
Positions fixed, IX. 328; Air à Zinder,
Mission Foureau-Lamy, XVII. 323 †;
Algeria to Fr. Congo, XVII. 135*;
Algérie au Congo, XVIII. 233 †, 330 †;
Au Sahara, IX. 462 †; X. 176 §;
D'Alger au Congo par le Tehad,
XIX. 196 §, 400 †; De la Méditer-
ranée au Congo, XVII. 450 †; Mission
Foureau-Lamy, XIII. 680 †; XIV.
228 †, 336 †, 680 †; XVI. 700 †;
XVIII. 330 †; Déterminations astro-
nomiques... effectués par Foureau:
F. Oltramare, XI. 684 †; Mission
Saharienne, Compte rendu, XVII.
677 †; Missions sahariennes... de
F. Foureau, IX. 577 †; Mon neuvième
voyage, XII. 541 †; Neuvième ex-
ploration, XI. 199 †; Rapport sur la
mission Foureau-Lamy: G. Périn,
XV. 82 †; Reception de la Mission,
XVII. 677 †; Traversée du Sahara,
XVIII. 110 †
Goniatites carbonifères dans le Sahara:
M. Collot, XIX. 108 †
Gouffre d'Ain-Taïba: J. Lahache, XX.
245 †
Hydrologie du: J. Lahache, XX. 126 †
Journey through Tunisian Sahara: Sir
H. Johnston, XI. 581 *; XII. 326 †
Maps—Carte de la Mauritanie Saha-
rienne (Mission Coppolani), XIX.
413 †; Vuillot's Map, IV. 384 †
Northern, French occupation in, XV.
177
Oasis du Souf et du M'zab comme types
d'établissements humains; J. Brunhes,
XX. 357 †
Oursin d'âge crétacé dans le Sahara
oriental: A. de Lapparent, XVIII.
88 §, 233 †, 330 †
Pénétration du Sahara par l'Algérie: L.
Kryszanowski, XIV. 336 †
Peut-on reboiser le Sahara? P. Privat-
Deschanel, IX. 222 §, 239 †
Pflanzenwelt der Sahara: C. K. Schnei-
der, XIII. 93 †
Photographs of Algerian Sahara: W. J.
H. King, XIX. 538
Pourquoi Flatters et ses compagnons
sont morts: H. Schirmer, VIII. 418 †
Reconnaissance du lieutenant Cottenest chez
les Hoggar: R. de Caix, XX. 559 †
Régime hydrographique du Tidikelt:
Flamand, XX. 559 †
Ressources minières du: A. Souleyre,
XIII. 680 †

SAIJA

Sahara—continued.

- Sahara, Le: H. Schirmer, II. 474 †; III.
415 §
Sahara español, XII. 99 †
Sahara inconnu: H. Schirmer, XII.
210 †
— occidental, XI. 95 †
— tunisien: V. Cornetz, XII. 210 †
Sands of Sahara: M. Sommerville,
XVIII. 330 †
Servièrè, Gen.—Colonne Servièrè au
Tidikelt... Carnet de route du
commandant Laquière, XIX. 772 †;
Deuxième reconnaissance...: La-
quière, XIX. 772
Traversée de l'Erg occidental: G. B. M.
Flamand, XIV. 226 †
Temperature—Accroissement avec la
profondeur dans le bas Sahara algé-
rien: G. Rolland, V. 399 †
Terrain carboniférien dans le: H.
Flamand, XX. 559 †
Tifinar de la Gara des Chorfa: M.
Rimbaud, XIX. 233 †
Transsaharien: P. Leroy-Beaulieu,
XIV. 228 †; Question du: A. Ber-
nard, XIV. 337 †; Do.: P. Combes,
XIV. 582 †; Do.: Simian et Hugnet,
XIX. 233 †; Tracé du: P. Leroy-
Beaulieu, XV. 83 †
— et la pénétration française
en Afrique: M. Honoré, XVIII.
233 †
Ueberschwemmung in der Sahara: A.
Supan, XV. 83 †
Utilisation du Sahara français: J. B.
d'Attanoux, XI. 684 †
Villes mortes du Sahara: P. Blanchet,
XII. 433 †
Visit to W. Sahara: H. Bindloss, XI.
96 †
Voyage au Gourâra et à l'Aoungouéroù:
Colonieu, V. 181 †
— dans le pays des Trarzas...:
L. Fabert, I. 183 †
Saharan subregion of Geography of mam-
mals, VII. 293
Sahel, Notice historique sur: de Lartigue,
XII. 210 †
Sahibganj and Rajmahal: H. Beveridge,
I. 469 †
Sahil or coast-line of Hadramut, IV.
317
Sahuc, J.: Sources historiques... de
Saint-Pons-de-Thomières, XX. 464 †
Sai river: *see* Telubin
Said dynasty of Arabia, VI. 111
Saïde, height of, XI. 628
Saigon—Route to Pnompenh and Angkor
Wat, II. 206; Trade, 1897, XII. 540 †;
Viaje de Saïgon á Bangkok: J. T.
Revilliod, X. 649 †
Saïdabad, Persia, XIX. 165
Saïja, G.: Definizione scientifica dell'
orizzonte, X. 124 †; Ellissoide terrestre,
XIV. 343 †; Ellissoidicità geodetica,

SAIJA

- XV. 302 †; Projezioni per ribaltamento, VIII. 423 †
 Saija, G., e O. Marinelli: Classificazione ... delle proiezioni geografiche, XI. 321 †
 Saik, Oman, XVIII. 477
 Sainjon: Le pays Antanosy, XIX. 657 †
 Sainson, C.: Ngann-nann-luo, Mémoires sur l'Annam, XV. 663 †
 St. Alban, L'Eboulis de: J. Laflamme, VI. 583 †; Modifications causées ... par l'éboulement de: Id., XIX. 528
 St. Bartholomew L., Geography, etc., of: R. Ludwig, III. 535 †
 St. Bernard pass, Great—Grand Saint-Bernard et Napoleon: Perreau, XVIII. 453 †
 St. Brandan's I., V. 230
 St. Chad's Head, Franz Josef Land, XI. 122
 St. Christopher: Climatology: W. S. Alexander, XVII. 453 †; Geological and physical development: J. W. W. Spencer, XIX. 236 †
 St. Cyprien, Sauveterre et Fumel, Dômes de: P. Glangeaud, XVII. 543 †
 St. Cyr: see White-Fraser
 Ste. Baume et St. Maximin: J. Porcher, X. 646 †
 Ste. Croix, Autour de: H. Cuënot, IX. 337 †
 St. Elias, Mt., Alaska, V. 172 †; XII. 561 †; expeditions to, X. 214 †; height, III. 517 †; position (H. W. Seton-Karron), IV. 466
 Ascent of, by Duke of Abruzzi, X. 443 †; XV. 536 §; XVI. 252 †; Expedition of Duke of Abruzzi to: F. de Filippi, XI. 455 †; XII. 326 †; La Spedizione di S.A.R. il Duca degli Abruzzi: Id., XV. 195 †
 Geographical position and height of: T. C. Mendenhall, II. 279 †
 Photographs: H. G. Bryant, XII. 112
 Salita sul Monte di S. Elia: G. dalla Vedova, XVII. 323 †
 Second expedition to: I. C. Russell, V. 90 †
 Skizze der Mt. St. Elias regione (map): Peterm. Mitt., II. 192 †
 Ste. Marie, L. de: La colonization en Nouvelle-Calédonie, XVI. 373 †
 Ste. Marie, L'île de: G. Landrieu, VIII. 531 †
 St. Émilien, Note sur: A. de Saint-Laurent, XII. 426 †
 St. Gervais (Alps), Catastrophe at: C. Durier, I. 179 †
 St. Gothard mountain railway, etc.: S. J. Berg, VI. 589 †
 St. Guilhem-le-Désert: P. Gruyer, XVII. 85 †
 St. Helena: R. A. Sterndale, V. 182 †
 A Sainte-Hélène: H. Lorin, XIII. 93 †
 Colonial reports, XI. 70, 199 †; XIII. 94 †; XV. 298 †; XVIII. 110 †; XIX. 108 †
 Fauna, VII. 283

ST. MARTIN

- St. Helena—continued.
 Fisheries, etc., VII. 215 †
 Photographs: A. Swinton, VII. 688 †; VIII. 316
 St. Helena in the present time: R. A. Sterndale, XV. 439 †; in ye olden tyme: Id., XIV. 118 †
 Zoographische Stellung der Insel St. Helena: W. Kobelt, VII. 679 †
 St. Helens, Mt.: C. P. Elliott, XI. 99 †
 St. John, R. F. St. A.: Takkola, XV. 277 §, 295 †
 St. John (N.B.) as Canadian Winter Port, etc., XIII. 564 †
 ——— River. Tidal Phenomena of: A. W. Duff, X. 650 †; XI. 454 †
 ———, Vale of, Lake district, VII. 616
 St. John's, Newfoundland, "Cabot light-house" at, IX. 615 †; Photographs: W. Libbey, VI. 592
 St. Joseph river, New Guinea, XII. 418
 St.-Jours, M.: Eaux de Hourtin et de Lacanau, XIX. 392 †; Etat ancien du littoral gaseon, XVII. 543 †; L'âge des dunes et des étangs de Gascogne, XIX. 392 †
 St. Justin, L'habitant de: L. Gérin, XV. 553 †
 St. Kilda: N. Heathcote, XVII. 547 †; Map of: Id., XV. 142 *
 St. Kitts: see St. Christopher
 St. Lawrence, Gulf of—
 Currents (Ministry of Marine Rep.), XVI. 685 §; (article on do.), XVII. 555 †
 Hydrographie des St. Lorenz-Golfes: G. Schott, X. 230 †; XI. 322 †
 ———, river—
 Ice floods and winter navigation of: T. C. Keefer, XV. 553 †
 La Chine rapids, Temperature of: H. T. Barnes, XIV. 229 †
 Pleistocene marine shore-line on S. side of: R. Chalmers, VII. 679 †
 St. Lawrence Pilot, VIII. 191 †; XVIII. 333 †
 Tides in gulf and river of: W. B. Dawson, XII. 213 †
 Valley of the grand river St. Lawrence: B. Sulte, XV. 553 †
 St. Lucia—Colonial reports, XV. 300 †; XVIII. 113 †
 St. Louis (U.S.), Trade of, as influenced by tornado of 1896: H. von Schrenk, XIII. 329 †
 ——— à Tripoli par le Lac Tchad: P. L. Monteil, V. 607 †
 ——— du Rhône, Canal and Port: Letter from E. Reclus on, IV. 574
 ——— river, X. 97
 St. Marcel d'Ardèche, Grotto of, France: E. A. Martel, I. 81 †
 St. Martin, V. de; obituary, IX. 228
 ——— et L. Rousselet: Dictionnaire de Géographie, VII. 415 §, 684 †
 ——— et F. Schrader: Atlas

ST. MARY

- universel de géographie, †IV. 96; VI. 105; VIII. 200, 656; IX. 587; X. 126
 St. Mary, Cape, Padrões at, XVI. 628
 St. Matthew I., Bering Sea, IV. 251
 St. Matthias I., Pacific, XX. 659; Die Insel St. Matthias: R. Parkinson, XVIII. 645 †
 St. Michael's, Azores; photographs, III. 80
 St. Paul and Amsterdam Is.: C. Vélain, I. 572 †
 ——— de Loanda, Angola, etc., Photographs: J. Moraes and J. A. M. Ferreira, XV. 204
 St. Petersburg—Population, IX. 658; (I. I. Wilson on), XI. 173; Trade Rep., XVII. 318 †; St. Petersburg und Umgebungen: K. Baedeker, XVIII. 633 †
 St. Pierre et Miquelon: M. Caperon, XVI. 701 †
 St.-Pons-de-Thomières, Sources historiques, etc.: J. Sahuc, XX. 464 †
 St.-Sand, Comte d'A. de: Cartographie des Pyrénées espagnoles, IX. 458 †
 St.-Seine, Comte J. Le G. de: Les Nouvelles-Hébrides, XI. 320 †
 St. Stephens, R.; remarks on Kalahari, I. 338
 St. Thomas I., G. of Guinea: *see* San Thomé
 St. Vincent—
 Colonial Reports, †XIII. 217; XV. 441; XVIII. 113
 Eruptions, XIX. 758; (E. André), XX. 60*; (H. N. Dickson), XX. 49*, 431*, 636*: Analyses of volcanic ejecta from Martinique and St. V.: W. F. Hillebrand, XX. 672 †; Disasters of St. V., XX. 360 †; Preliminary report, and visit to Mont Pelée: T. Anderson and J. Flett, XX. 561 †; Photographs taken after eruption of May, 1902: J. E. Wilson, XX. 478; Do. of St. V. and Martinique before and after eruptions: E. André and F. Morin, XX. 256
 Volcanic Rocks of Martinique and St. V.: J. S. Diller, XX. 671 †
 St. Vraz, E.: Reise nach Neu-Guinea, XIII. 96 †, 198 †
 St.-Yves, G.: A travers l'Erythrée italienne, XX. 246 †; Connaissance géographique de la Russie en France, VI. 580 †; Dans les Pyrénées espagnoles, IX. 574 †; Dans le Tian Chan Russe, XVI. 123 †; De la Volga à la frontière sibérienne, XI. 566 †; Distribution des plantes en Sibérie et dans l'Asie centrale, XVI. 698 †; Documents sur Madagascar au XVII^e siècle, XVIII. 456 †; Îles Seychelles en 1792, XVIII. 549 †; Journey to Kashgar and Pamirs, XV. 533; Omsk et le Gouvernement d'Akmolinsk, XII. 207 †; Peuples retrouvés de l'Asie Centrale, XV. 518 †, 663 †; Rapports Anglo-russes dans

SALDANHA

- l'Asie centrale, XVIII. 548 †; Transalai et Pamirs, XVIII. 108 †; Turkestan chinois et Pamirs, XV. 548 †
 St.-Yves, G., et L. Zablonowski: Développement économique d'Odessa, XII. 93 †
 Sainville, E. de: Voyage à l'embouchure de la rivière Mackenzie, XIII. 435 §, 456 †
 Saisi river, C. Africa, XI. 668; XIII. 580, 605
 Saitu (Sachu), III. 458, 474; longitude, IV. 54; Roborovsky's excursions from, VIII. 164, 166
 Sajama, mt., Bolivia, XIV. 25; height, XVII. 334
 Sakai tribes, Malay Pen., IX. 33; Photographs: G. C. Morant, VIII. 540
 Sakala, VI. 261
 Sakalavas of Madagascar, VI. 245, 248; VIII. 71
 Sakambunji village, Kasai, XIX. 505
 Sakhalin, I. of: H. de Windt, IX. 681 †; Do.: F. Immanuel, III. 438 †; Do.: von Krasnov, VII. 422*; peat formation in, VII. 423; races of, VII. 424; visit to: C. H. Hawes, XX. 525
 Coal Measures, M. Sukhanevich on, I. 269
 Geschiednis der ontdekking van het eiland Sachalin: F. G. Kramp, V. 508 †
 Ile de Sakhaline: P. Labbé, XVIII. 326 †
 Life with Trans-Siberian savages: B. D. Howard, II. 379 †
 New Siberia, being account of visit to Sakhalin: H. de Windt, IX. 238 †
 Vegetation, Types: A. Krasnov on, II. 459
 Saki-Shima group, Luchu Is., V. 296
 Sakkara tribe, VII. 428
 Sakkelionos: Greek bibliography, VII. 223 †
 Sakwala hill, Abyssinia: *see* Zakwala
 Sol, G.: Apuntes de Viaje del República del Perú, XIX. 403 †
 Saladin, H.: Mission en Tunisie, III. 348 †
 Salado river, S. America, II. 160; XVII. 395; Viajes botánicos al Río Salado: F. Kurtz, IV. 579 †
 Salaga, W. Africa, VII. 97; letter from G. A. Krause on position of, I. 74
 Salignac, A.: Fortifications de Cheick-Said, XI. 450 †; Richesse et avenir du Yunnan, etc., VIII. 415 †; on shore formations near Hyères, III. 428
 Salamaia, altitude, etc., X. 394
 Salamander, giant, of Japan, VII. 137
 Salar or Salaris tribe, III. 362; VI. 756 †
 Salas-Edwards, R.: Liquidation of war on Pacific, XVII. 453 †
 Salburta mts., Tibet, IX. 555
 Saldanha bay and its development: D. C. Stevens, XX. 355 †

SALE

- Sale, M. T.: remarks on "Montenegro and its Borderlands," IV. 406
- Salem, Madras: Geography of neighbourhood of: T. H. Holland, XVIII. 325 †
- Salles, E.: Ascension au Kakoulima, XIII. 322 †; Chemin de fer de Conakry au Niger navigable, XIV. 118 †; Chemin de fer de Sierra Leone, XIX. 658 †; De Conakry au Niger, XI. 685 †; XV. 438 †; Nouvelle voie de pénétration vers le Niger, IX. 239 †, 327 †; Voies de pénétration dans les pays tropicaux, XI. 459 †
- Salève, Faune du Mont: E. Pitard, XI. 308 †
- Sali, VII. 549
- Salinas bay, Costa Rica, X. 61
- landing, Monterey bay, California, gully formation in, XIV. 412
- Salines de Tze-Liéou-Tsin: A. Grosjean, XII. 95 †
- Salis, A. de: Correction des torrents en Suisse, I. 374 †
- Salisbury, R. D.: Glacial work in Western Mts. (U.S.A.), XIX. 774 †; XX. 455 §; Greenland expedition of 1895, VIII. 194 †; Glacial geology of N. Greenland, IX. 466 †
- , and W. W. Atwood: Drift phenomena in . . . Wisconsin, IX. 682 †
- Salisbury, ancient positions of, IX. 81
- Fort, position of, V. 47; rainfall, and geological formation, V. 36
- Salishan languages, Bibliography of: J. C. Pilling, III. 440 †
- Salkad, Castle and town, V. 22
- Sallah bin Mohamed, Sultan, palace of, IV. 323
- Salles, A.: Au Tonkin et en Annam, XV. 549 †; Tournée en Indo-Chine, XIII. 320 †
- Sallust, ancient maps, XV. 388
- Salm, Franz Altgraf: Biography, XV. 91 †
- Salm I., Franz Josef Land, X. 186
- Salmon, E.: 1497–1897, East and West, IX. 583 †; Colonial Empire of 1837, X. 344 †; Imperial federation, VII. 457 †
- Salome, T.: Amclieles-Bains, XV. 660 †; Ascension dans l'Aurès, XIII. 321 †
- Salomon, W.: Gebieten des Adamello und des St. Gotthard, XIV. 221 †; Geologisch-petrographische Studien im Adamello-Gebiet, IX. 675 †
- Salone, E.: Le Maroc, XVII. 676 †
- Salonga river, C. Africa, VII. 203
- Salonia and district, Trade Rep., XVI. 695 †
- Salt deposit, Remarkable (California): C. F. Holder, XIX. 529 †
- deposits in Persia; K. Natterer's researches, VI. 472
- deserts of Persia, VII. 165
- lake, Persia, VII. 169

SAMNAN

- Salt making in C. Africa, VII. 373
- plain near Siwa, X. 606
- Salta—Comunicaciones geológicas y mineras de las provincias de Salta y Jujuy: J. Valentin, X. 651 †
- Salton lake; J. W. Redway on refilling of, II. 170
- Salu-avaratsi, hot springs at, VI. 251
- Salut, Visite aux fles du: H. Froidevaux, XIII. 95 †
- Salvador—
- Bureau of American Republics, Bulletin, VII. 681 †
- Estudio sobre San Salvador . . . médico: I. B. Juárez, XV. 670 †
- Geographical description of Republic of: S. J. Barberena, I. 474 †
- Jiquilisco Bay and El Triunfo, Recent survey: G. W. Littlehales, XI. 456 †
- Mitteilungen aus: Hegg, IX. 242 †
- Vulkane in Salvador und Südost-Guatemala: K. Sapper, IX. 351 † (map), 448 §, 580 †
- Salvaticchi, Monte, Italy, X. 419
- Salvator, Archduke Ludwig: see Ludwig
- Salvetat et ses environs: M. G. Gros, XVI. 119 †
- Salvin, O.: see America, Central, Biologia
- Salwey, C. M.: Korea, pearl of the Orient, XVI. 366 †
- Salwin river, VIII. 574, 577, 581; XI. 546; XIX. 270; affluents, VII. 580; source, VII. 308; XIX. 587; width and depth, VII. 582; Prince Henry of Orleans' route, VII. 304
- Salzach, Valley of, IX. 660
- Salzkammergut, duration of snow in, IX. 557; lakes, I. 353; Seen des Salzkammergutes: J. Müllner, IX. 335 †
- Samaindu, altitude, etc., X. 393
- Samar, Die Insel, XX. 353 †
- Samara, Russia, V. 148; population, X. 199
- Samarkand—
- Bilder aus: H. Vambéry, IX. 576 †
- Eine Woche in Samarkand und am Serafschan: J. Rein, XII. 208 †
- Population and commerce of, IV. 361
- Russian year-book on, XII. 313
- Samba plateau and natives, C. Africa, V. 171
- river, Borneo, VI. 231
- Sambas, division occidentale de Bornéo: H. M. d'Estrey, IX. 461 †
- Sambirānu river, Madagascar, VI. 231
- Sambon, L. W.: Acclimatation des Européens dans les régions tropicales, XVII. 565 †; Acclimatization of Europeans in tropical lands, XII. 589 *
- Sambre et Meuse, Evolution de: J. Cornet, XV. 432 †
- Samlund, Pregel- und Frischingthal, Landes- und Volkskunde: A. Zweck, XX. 666 †
- Samnan, height, VII. 166

SAMOA

Samoa—

- Anglo-German agreement, XV. 73
 Aus Samoa, XVIII. 338 †
 Books on Samoa and Guam: A. P. C. Griffin, XX. 129 †
 Commercial importance of: O. P. Austin, IV. 464 †
 Correspondence respecting affairs of, I. 570 †; XV. 301 †
 Dürre des Jahres 1896 auf Savaii: W. von Bülow, X. 123 †
 Fabrzeuge de Samoaner: Thilenius, XIX. 237 †
 Floatsam and Jetsam from the Great Ocean: Rev. J. B. Stair, VII. 218 †
 Hebungen und Senkungen in: A. Krämer, XV. 285 §; XVI. 255 †
 Hydrographie der Samoa-Inseln: Winkler, IX. 344 †
 Kennzeichnung der Verhältnisse auf den Samoa-Inseln: Reinecke, XIV. 464 †
 Land und Leute: G. Wegener, XX. 471 †
 Lösung der Samoafrage: H. von Kusserow, XV. 301 †
 Manuia Samoa, Samoanische Reise-skizzen: R. Deeken, XIX. 659 †
 Spezialkarte der Samoa-Inseln: P. Langhans, XV. 306 †
 Namen der Samoa-Inseln: W. von Bülow, XVI. 491 †
 Navigators Is.: H. Webster, XIV. 464 †
 Photographs of Samoa and Hawaii: A. Swinton, IX. 472; X. 128
 Powers and Samoa: J. G. Leigh, XIII. 326 †
 Religion paienne aux Iles Samoa: J. Lavoix, XVIII. 236 †
 Samoa: F. Reinecke, XX. 129 †
 —, Bismarekarchipel und Neuguinea: E. von Hesse-Wartegg, XIX. 778 †
 — die Perle der Südsee: O. Ehlers, VII. 336 †
 Samoan agreement in plain English: B. Thomson, XV. 301 †
 Samoan crisis and its causes: J. G. Leigh, XIV. 122 †
 Samoaner in der heidnischen Zeit: G. Kurze, XVI. 255 †
 Samoanische Königsfrage im Hinblick: A. Krämer, XIV. 122 †
 Samoan Is.: E. V. Morgan, XVII. 214 †
 Samoa; whence peopled? J. B. Stair, VI. 394 †
 Three weeks in Samoa: Countess of Jersey, I. 471 †
 Trade Rep., XVI. 231 §, 255 †; XVIII. 114 †
 Valeur économique de Samoa: D. Bellet, XIV. 464 †
 Visit to Samoan out-stations: J. Marriott, XIII. 684 †
 Wirtschaftliche Bedeutung Samoas, etc.: Reinecke, XVI. 255 †

SAN JUAN

Samoa—continued.

- Wirtschaftliche Lage auf Samoa: A. Krämer, XIV. 686 †
 Zur Samoa-Frage: H. von Kusserow, XV. 555 †
 Samory, L'aire géographique des conquêtes de: P. Combes, XIII. 562 †; Poursuite et capture de: G. Vasco, XIII. 562 †
 Samos—
 Geological, etc., Study of: C. de Stefani, I. 279 †
 Ile de Samos: G. Bourge, XI. 566 †
 La Principauté de: H. Hauttecoeur, XVIII. 634 †
 Samian line of traffic with Greece, VIII. 615
 Samosata, ruined aqueduct near, VIII. 323
 Samoyedes; burial-place of, XI. 351; in Kolgueff I., V. 101, 103; in Waigats Is., XI. 344, 347
 Sam-roi-yat mts., Siam, VI. 419; XI. 466
 Samsat, Euphrates, VIII. 322
 Samshui, Trade Rep., XIV. 457 †; XVI. 576 †
 Samson-Himmelstjerna, H. von: Gelbrussland, XX. 466 †
 Samudio, M.P.: El caucho y la chiringa, XX. 360 †
 Samuel, Sir S.: remarks at Antarctic Conference, X. 383
 Samwuti, position, IX. 390
 San Antonio, Bolivia, III. 110
 — I., or Ilha do Principe, W. Africa, XVI. 625; *see* Principe
 — Blas route for Panama canal, XIX. 330
 — Carlos, Argentina, Examen topografico y geológico de, VII. 444 †
 — river, Costa Rica, X. 66
 — Cataldo di Bari, Stazione astronomica á: P. L. Cattolica, XIV. 464 †
 — Clemente I., Geological sketch: W. S. Smith, XIV. 339 †
 — Felipe and Santiago, Bay of, visited by Quiros in 1606; Identification, XX. 201 *
 — Francisco—
 Climate of: A. G. McAdie and G. H. Wilson, XVI. 126 †
 Geology of penins.: A. C. Lawson, VIII. 532 †; Do.: H. W. Fairbanks, IX. 464 †
 Sea Fogs: A. G. McAdie, XVII. 556 †
 Trade Rep., XVII. 92 †
 — river, Argentina, XV. 602
 — river, Brazil, XVII. 357; A navegação dos afluentes do, VII. 115 †
 — Genesis, Colori complementari al monte: G. L. Bertolini, XX. 552 †
 — Joaquin river, Basin of S. Fork: J. N. Le Conte, XIV. 229 †
 — Jorge da Mina, XVI. 626
 — José, Presión atmosférica en: E. Pittier, XIX. 530 †
 — Juan river, Costa Rica, X. 60, 65, 68

SAN LUIS

- San Luis, Excursion en la Provincia de :
 J. Valentin, VII. 445 †
 — Potosi, Carta general del Estado, VIII. 95
 — Marco, R.: Colonizzazione nel Messico, XVIII. 234 †
 — Marino—
 Repubblica di : P. Franciosi, XIII. 676 †
 République de : H. Hauteceur, VI. 293 †
 — Martin; Crossing of Andes by, XII. 493
 — Martin lake, Patagonia, XIV. 255
 — Miguel volcano, C. America, XVI. 478
 — Pablo, Mexico, VIII. 140, 149
 — Pedro volcano, Bolivia, III. 107
 — Rafael (Mendoza), Posicion geográfica de, XV. 196 †
 — Roman, F.: Estudios . . . de limites entre Chile, Bolivia i República Argentina, VIII. 420 †
 — Salvador, Congo, XIX. 542, 558; Latitude: C. Sanders, XVI. 699 †
 — —, Brazil: *see* Bahia
 — —, State: *see* Salvador
 — Severino, Monte, Italy, X. 423
 — Strato, crater, X. 429
 — Thomé: L. Fea, XIX. 773 †; fauna, VII. 283; Ile de: A. Negreiros, XIX. 658 †; Provincia de S. Thome: A de Castilho, VII. 443 †; Viagem ás Ilhas de S. Thomé e Principe: J. P. M. Cancelli, XX. 559 †; Wild domestic animals on; A. F. Moller on, XX. 340
 Sanaga river, Kamerun, X. 638; von Brauchitsch's exploration, VIII. 71
 Sanaia, altitude, etc., X. 394
 Sana Kachins, N.E. India, VII. 93; M. N. Turner's report on country, X. 325
 Sanchez, A.: La Cornoide, VII. 567 †
 Sand—deposition beneath water, X. 140; movements, IX. 299, 305; (on coasts; W. Wheeler on), IX. 668; ridges of W. Australia, XI. 266, 280, 287; rounding, IX. 302, 304; sandhills (*see* Sand-dunes, *below*)
 Akustisch-Geographische Probleme: S. Gunther, XVIII. 114 †
 Dunes: *see below*
 Formation of wave-surfaces in sand: V. Cornish, XVII. 564 †
 Laws that govern rounding of particles of: W. Machie, XI. 573 †
 Sand-plain formation: M. L. Fuller, XIV. 688 †
 Sand-waves in tidal currents: V. Cornish, XVIII. 170 *
 Sea-Beaches and Sandbanks: V. Cornish, XI. 528 *, 628 *
 Zand- Onderzoekingen der laatste jaren: J. Lorie, XI. 104 †
 Sand-dunes (*see also* Sand, *above*)—action on obstacles, IX. 298, 301, 306; bar-chanes, formation, IX. 280; coastal and desert, IX. 278; conical, of

SANDERS

Sand-dunes—*continued.*

- Sahara, IX. 292; dune massif, XV. 28; fixing of, in Sahara, VIII. 297; fâljies of Nefud, IX. 295; ground plan, IX. 288; in Takla Makan desert, VIII. 267, 356, 358, 361, 367; letter from A. C. Yate on, IX. 672; longitudinal and transverse, of Indian desert, IX. 292; musical sound, IX. 307; (letter from C. Carus-Wilson), IX. 570; of Finland and Gulf of Bothnia, VIII. 514; on S.W. African coast; H. C. Wilmer's note on, V. 385; on S. American coast, XII. 391; vertical section, IX. 286
 Desert sand-dunes bordering Nile delta: V. Cornish, XV. 1 *
 Deutschen Dünen und ihr Bau: E. Roth, XVI. 484 †
 Distribution géographique des dunes continentales de Gascogne: C. Duffart, XII. 91 †
 Dunes: E. Ritter, XII. 217 †
 — primitives . . . de la côte de Gascogne: E. Durigne, IX. 676 †; X. 634 §
 Entstehung der Dünen: O. Baschin, XVI. 704 †
 Formation of: V. Cornish, IX. 278 *; Notes on Cornish's paper: E. A. Floyer, XI. 559; letter from Sir F. J. Goldsmid on, IX. 454; Formation des dunes de sable: V. Cornish, XVI. 258 †
 Handbuch des deutschen Dünenbaues: P. Gerhardt, XX. 350 †
 Landes et dunes de Gascogne: C. Grandjean, VIII. 411 †
 Meddelsler fra Dansk geologisk forening; I. Om Klitternes Vandring: K. J. V. Steenstrup, IX. 573 †
 Sand dunes of Pacific coast: F. H. Lamb, XI. 99 †
 — of L. Michigan, Geological relations of vegetation: H. C. Cowles, XIV. 668 §, 684 †
 Sandhills in Mongolia, V. 570; in Persia, VII. 39; in Tibet, VII. 457
 Sandal Dawan, C. Asia, XI. 685; XVI. 519
 Sandberg, G.: Bhotan, the unknown Indian state, XIII. 90 †; Exploration of Tibet, and handbook of colloquial Tibetan, VI. 194 †; Itinerary of route from Sikkim to Lhasa, etc., XX. 124 †; on Tsangpo of Tibet, IX. 321
 Sande Bakhuizen, E. F. van de On motion of pole of Earth, XV. 87 †
 Sandeman, E.: Burrator works for water-supply of Plymouth, XIX. 395 †
 —, Sir Robert (biography): T. H. Thornton, VI. 397 †
 Sanders, C.: Geographical positions on W. Coast of Africa, XX. 127 †; Latitude of Ambriz and San Salvador, XVI. 699 †; XVII. 211 †

SANDERSON

- Sanderson, E.: Africa in the nineteenth century, XIII. 91 †; British Empire in the nineteenth century, XIII. 571 †
- , J.: John Davis' attempted voyage to E. Indies, II. 147; Story of St. Patrick, etc., IV. 576 †
- Sandgate landslip: W. Topley, I. 339 *
- Sandgirt lake, Labrador, V. 528
- Sandile river, C. Africa, X. 162
- Sandler, C.: Matthäus Seutter und seine Landkarten, VI. 397 †
- Sandundu falls, Kasai, XIX. 505
- Sandwich, early history of, IX. 432
- Is.: *see* Hawaiian Is.
- Sandy point, Tierra del Fuego, XIV. 30
- Sang Niwishta, Bakhtiari country, IV. 498, 500
- Sanga river, C. Africa, XX. 494; explorations (German), XIII. 535; XIX. 755; (de Pauwel's) XIX. 639; hydrography, X. 441
- De la Sangha à la Ouôm: F. J. Clozel, XI. 684 †
- Exploration between Sangha and Ubangi: Jobit, XVII. 73
- Haute Sangha: E. Cholet, VIII. 531 †; Do.: E. Ponel, VII. 114 †; Explorations de la: G. Gaillard, III. 347 †
- Maps—Carte de la haute, et du . . . Süd-Kamerun, XIV. 336 †; A. J. Wauters' maps, VII. 552
- Région des concessions dans le bassin de la: A. J. Wauters, XVI. 250 †
- Rivière Sanga: A. J. Wauters, VII. 442 †
- Sanjān, Ancient name of: J. J. Modi, XX. 242 †
- Sanjines, V. E.: Mapa postal de Bolivia, X. 347
- San-Kural, E. Africa, VIII. 134
- Sankuru river, C. Africa, V. 429; Gillain's explorations between Sankuru and Lomami, VI. 283
- San-Moun, Baie de, XIV. 456 †
- Sannikoff Land, Proposal for expedition to: Baron E. von Toll, XII. 162 †; Sannikow-Land im Sibirischen Eismeere, etc.: T. Pech, XII. 438 †
- Sanpagma pass, Tirah, 338, 340
- San-po river: *see* Brahmaputra
- Sansan Aussa, Nigeria, IX. 444; XVI. 477
- San-sing, Manchuria, IV. 535
- Santa Ana Nery, Baron de; obituary, XVIII. 319
- Catalina I., Geology of: W. S. T. Smith, XI. 73 §, 97 †
- Cruz, A. de: Map of World 1542, I. 287 †
- , Bolivia; Datos para la Monografía del Departamento de: F. Guardia, XVII. 558 †
- , Patagonia, Fossil mammal remains in, V. 481
- Is., Pacific, British annexation of, XII. 526

SAPOZHNIKOFF

- Santa Cruz river, XIV. 251, 260; A. R. Iglesias' surveys, XIX. 94, 235 †
- de la Sierra, XVII. 338
- Fé (Argentina), Provincia de: E. Brandt y G. Pommerenke, XVIII. 643 †; population of, VIII. 639
- Maria, D., y D. F. Coello: Caminos romanos de la provincia de Cuenca, XII. 94 †
- Marta, Sierra de, S. America, XVII. 346
- Rosa, H., e F. A. Fidanza: Album do Pará, XIV. 585 †
- Teresa, crater, X. 430
- Santals—Om Santalfolket, etc.: E. Heuman, VII. 563 †; Santalfolket i fortid og nutid af P. O. Boddling, XX. 243 †
- Santarem; A boz do Tapajós . . . na região de: F. Katzer, XIV. 462 †
- Santiago, Dairy at: F. W. Ramsden, XIII. 95 †
- river, XVII. 370; negro villages on, I. 155
- Santo Domingo (*see also* Haiti)—
- Bureau of American Republics, Bulletin, VII. 681 †
- Dominican Republic, The: J. R. Abad, II. 383 †
- Ecological Sketch of Flora of: J. W. Harshberger, XX. 360 †
- Ludwig's Reisen auf: W. Sievers, XIII. 538 §, 683 †
- Notes on: C. Bréard, I. 86 †
- Ornithology: G. K. Cherrie, IX. 242 †
- Survey Journey in: J. W. Wells, III. 74 †
- Santos, C. R.: Republica del Paraguay, IX. 683 †
- San-tou-ao, Nouveau port de: A. Faurel, XVI. 247 †
- Sa On, subterranean river at, VII. 581
- São Paulo—
- Commissão Geographica e Geologica de, XIII. 457 †
- Flora paulista, XIII. 457 †
- Flussgebiet der Ribeira im Staate, XIX. 775 †
- Plantas indigenas do Estado de: A. Löfgren, XIII. 457 †
- São-Paulo-Ribeira Bahn, XIX. 402 †
- Staat und sein Landbau: J. von Siemiradzki, XIV. 230 †
- Saône; Etude hydrologique sur le bassin de la: H. Tavernier, XVII. 544 †; Haute vallée de la: O. Barré, XVII. 544 †
- Sapele, W. Africa, I. 122; Copeland-Crawford's journey from Warri to, VII. 661
- Supin Croche, Labrador; Country along, V. 515
- Sapozhnikoff, V. V.: Glaciers of Altai mts., XII. 97 †; Visit to mt. Bielukha, Altai, XVIII. 620
- and M. Friederichsen; Expedition in Tian Shan, XX. 538

SAPPER

Sapper, K.: Alta Verapaz (Guatemala); Ausbreitung des Erdbebens von Guatemala, XX. 568 †; Ausflug nach der Südgrenze von Guatemala, II. 281 †; Beiträge zur Ethnographie der Rep. Guatemala, I. 281 †; Do. des südlichen Mittel-Amerika, XVII. 558 †; Do. von Südost-Mexico und Britisch-Honduras, VII. 115 †; Beiträge zur physischen Geographie von Honduras, XX. 469 †; Bericht der Nikaraguanal-Kommission von 1897-99, XX. 128 †; Besuch bei den Chirripo . . . Indianern von Costarica, XV. 442 †, 669 †; Cécile Selser in Mexiko und Guatemala, XVII. 452 †; Ergebnisse seiner Reisen in Mittel-Amerika, XVII. 558 †; Ersten Kriegszüge der Spanier im nördlichen Mittel-Amerika, XI. 203 †; Expedition durch die Cockscorn Mountains, VIII. 420 †; Geographische Bedeutung der Mittel-Amerikanischen Vulkane, XX. 560 †; Geographische Forschung in Mittel-Amerika im 19. Jahrhundert, XIX. 659 †; Geology of Chiapas, etc., IX. 342 †; Grundzüge der physikalischen Geographie von Guatemala, V. 285 †; Indianische Ortsnamen im nördlichen Mittel-Amerika, IV. 378 †; journey in Honduras, XII. 416; in Nicaragua and Costa Rica, XV. 284; Karte der Verbreitung der Sprachen in Guatemala, I. 383 †; Do. in Südost-Mexico und Britisch Honduras, VI. 298 †; Kartenskizze der Vulkane in West-Guatemala, VI. 105 †; Kettengebirge von Mittel-Guatemala, I. 281 †; Krater-Typen in Mexico und Guatemala, III. 539 †; IV. 67 §, 90 †; Mittelamerikanische Reisen, XIX. 775 †; XX. 221 §; Nicaraguensische Erdbeben, XIII. 682 †; Nördliche Mittelamerika in Bezug auf Produktion, VIII. 420 †; X. 230 †; Old Indian settlements, etc., in C. America, XI. 99 †; Originalkarte des nördlichen Mittel-Amerika, XIII. 574 †; Regenfall im nördlichen Mittelamerika, X. 214 §, 457 †; (map) X. 347 †; Reise auf dem Rio Coco, XVII. 94 †; Do. in Honduras, XIII. 95 †; Do. in Central-Amerika, XV. 442 †; Republik Guatemala, V. 190 †; on tectonic lines of C. America, XVII. 432; Ueber Gebirgsbau und Boden des nördlichen Mittelamerika, XIII. 566 †; XIV. 95 §; Unabhängigen Indianerstaaten von Jucatan, V. 608 †; Verbreitung der Sprachen im südlichen Mittelamerika, XVIII. 247 †; Volksdichtigkeit der Republik Guatemala, IX. 683 †; Vulkane der Republik Guatemala, II. 281 †; Do. in Salvador und Südost-Guatemala, IX. 448 §, 580 †; (map) IX. 351 †; Do. von Guatemala, VI. 393 †; Do., und Salvador, XVI. 585 †; Vulkan-Skizzen aus Guatemala und Salvador, XVI. 478 §, 498 †

SARIKOL

Sapunov, Y.: River Western Duna, Historical and Geographical sketch, II. 561 †
 Saquila, mt.: see Zakwala
 Sara, people and country, W. Africa, II. 325
 Sarajevo, population, VI. 383
 Sarapiquí river, Costa Rica, X. 97; XIX. 319
 Sarasin, P. and F.: Explorations in Celebes, VII. 205; IX. 89; XX. 229; Exploration de Celebes, IX. 339 †; Geographisch-geologischen Beschreibung der Insel Celebes, XIX. 525 †; XX. 446 §; Reiseberichte aus Celebes, V. 281 †; VI. 295 †; VII. 212 †, 678 †; Reisen im innern von Celebes, XVII. 447 †; Voyage à Célèbes, IX. 461 †
 Saraswati, and lost river of Indian desert: C. F. Oldham, I. 375 †
 Saratov, population, IX. 658; X. 199
 Sarawak, Borneo, I. 193; mountains bordering on, VI. 573
 Four hundred miles in: H. Gocher, XIV. 679 †
 Natives of, etc.: H. L. Roth, IX. 649 †
 Trade, XVI. 54; (F. O. Rep.), XIX. 231 †
 Sarca valley lakes, I. 351
 Sardá, A.: La Escuela de pesca de la Isla de Groix, XI. 680 †
 Sardeson, F. W.: What is the loess? XIII. 460 †
 Sardinia—
 Bereisung der Insel Sardinien: A. Tornquist, XX. 534 §, 552 †
 Cima più alta della Sardegna (Attilio Mori), XX. 120 †; Cimo più elevato del Gennargentu: D. Lovisato, XIX. 751 §; XX. 465 †
 Reise durch Sardinien: E. Knoll, VIII. 648 †
 Ricerca antropogeografica sull' isola di Sardegna: A. Cossu, XI. 681 †; Nuova do.: Id., XVIII. 227 †
 Striefzüge auf der Insel Sardinien: F. von Hellwald, IX. 233 †
 Terreni carboniferi di Seui ed oolitici della Perdaliana in Sardegna: L. Pampaloni, XVI. 362 †
 Trade Rep., XVI. 572 †
 Sarei tribe, E. Africa, VIII. 637
 Sarez, Pamirs, VIII. 34
 Sargasso Sea, position, extent, etc., III. 303
 Sargeant, R. A.: Report on Railways in India for 1892-93, III. 346 †
 Sargon pass, C. Asia, XVI. 511
 Sarhad (Little Pamir) river, C. Asia, II. 402; VIII. 46, 97, 117
 Sari Chai valley, Karia, IX. 52
 Saricheff's Atlas, 1826: M. Baker, XX. 252 †
 Sarigh Chopan (Chaupan), VIII. 116
 Sarikol mts., VI. 351; IX. 35, 100; XIII.

SARINGER

- 54; XVI. 529; Exploration in Sarikol: H. H. P. Deasy, XIII. 628 *
- Saringer; on influence of lake Balaton on climate, XIII. 427
- Sarjekfjällen, Sweden—Geologiska och fysiskt-geografiska undersökningar i Sarjekfjällen: A. Hamberg, XVIII. 617 §, 634 †
- Sarmiento, F. M.: Estudio . . . costas occidentales de Europa, XI. 236 †
- Sarmiento to Andrada, distance from, V. 49
- Sarmiento, Pedro, geographical work of, VI. 16; Voyages to straits of Magellan: Sir C. R. Markham, VI. 584 †
- Sarmiento, lake, Patagonia, X. 404; XIV. 256
- , mt., Tierra del Fuego, XIV. 29
- Sarna and Ilikta rivers, Excursion to gold-bearing district of: V. A. Obrucheff, XI. 197 †; Gold-bearing region of: Id., XII. 207 †
- Sarrar, Jebel, Arabia, XII. 46
- Sarrauton, H. de: Heure décimale, VII. 447 †; X. 459 †; XII. 103 †; Do. et la division de la circonférence, VIII. 423 †; New division of time and angles proposed by; letter from M. M. Méry on, XI. 674; Sur le système de l'heure décimale, XI. 321 †
- Sarre, F.: Photographures of Persia, etc., XIV. 472; Reise in Kleinasien, IX. 337 †; Reise von Ardebil nach Zendschan im N.W. Persien, XV. 81 †; Reisen in Mazenderan, XX. 243 †
- Sars, G. O.: Fauna Norwegia, X. 225 †
- Sartorius, A.: Die Germanisierung der Rätoromanen in der Schweiz, XVI. 246 †
- Sarya Polar expedition: see Toll, Baron
- Saskatchewan river, V. 55; XIII. 346; Photographs: W. D. Wilcox, XIII. 576; Sources of: Id., XIII. 358 *; XIV. 120 †
- Sassandra river, W. Africa, XVII. 307
- Sassendal, Spitzbergen, IX. 355
- Sassoon, Sir E. A.: Imperial telegraphic communication, XVI. 258 †; India and her currency, XII. 96 †
- Sassuolo, Besuch der Schlammssprudel von: G. Greim, XV. 546 †
- Satakunta; Karte über die Verteilung der Wohnsitze in: K. E. Kirn, VIII. 413 †; Paläontologist-växtgeografiska studier: R. Herlin, VIII. 413 †
- Satala, Euphrates, VIII. 468
- Satke, L.: Wolkengeschwindigkeit . . . in Tarnopol, XVII. 83 †
- Satlaj river: see Sutlej
- Sato, D.: Kamegaoka in province of Mutsu, X. 550 †
- Satow, Sir E.: Bamboos in Japan, XVI. 578 †; Voyage of Saris to Japan, 1613, XVII. 209 †
- Sattima, mt., E. Africa, XIV. 283

SAWYER

- Satulak, mt., meteorological station on, XI. 301
- Sauer, A.: Zirkusseen im Schwarzwalde als Zeugen ehemaliger Vergletscherung, III. 435 †
- Sauerwein, C.: La vallée du Yang-tse-Kiang, XIX. 653 †
- Saugy, L. de: Mines d'or de Bong-Miu (Annam), XIX. 230 †
- Saüjlar, altitude, IX. 275
- Sault Ste. Marie canal, lake Superior, III. 131
- Saumery, D. de: Au Yucatan, XI. 570 †
- Saunders, C. F.: Pine barrens of New Jersey, XVIII. 204 †
- , H.: remarks on "S. America," XVII. 408
- Saunders I., Melville bay, V. 352
- Saunderson, H. S.: Corea and its people, V. 508 †
- Saurin, J.: Colonisation française en Tunisie, VII. 215 †; Invasion Sicilienne et peuplement français de la Tunisie, XVII. 323 †; XVIII. 233 †
- Saussure, R. de: Cartes météorologiques, XII. 638 †
- Sautadet (Gard), Cataractes du: F. Mazaurie, XVII. 84 †
- Sauter, F.: see Gelcich
- Sauvage, E.: Classification bibliographique décimale, XII. 641 †
- Sauvaire, H.: Description de Damas, VIII. 417 †
- and J. de Rey-Pailhade: Mère d'Astrolabe arabe du XIII^e siècle, etc., II. 282 †
- Sauve (Gard), Avens de, etc.: E. A. Martel et A. Viré, XI. 447 †
- Savage I.: see Niue
- Savage Landor, A. H.: see Landor
- Savander, O.: Détermination relative de la pesanteur à Helsingfors, XV. 547 †
- Savei dist., E. Africa, IX. 182
- Savile, M. H.: Graven Glyphs of Copan and Quirigua, VI. 393 †
- Saville-Kent, W.: Australian natural history gleanings, XI. 319 †; Great Barrier reef of Australia, I. 569 †; II. 542 §; Market fishes, etc., of Australia, X. 341 †
- Savinien, R. P.: Voyages d'un missionnaire dans le Far-West, XVI. 253 †
- Savoureux, J. de: Madagascar, I. 376 †
- Savoy—Ethnologie de la Savoie et de Haute-Savoie: E. Pittard, XVI. 484 †, 570 †
- Sawakin—possibility of railway to, VIII. 495; trade, II. 67; IX. 561; (F.O. Rep.), XIV. 459 †
- Kadim, ruined town, VIII. 336
- Saweljew; visit to Kolgueff I., V. 98
- Sawyer, A. R.: on structure and climate of Murchison hills, II. 226, 232
- , F. H.: Inhabitants of the Philippines, XV. II. 209 †

SAWYER

- Sawyer, H. A.: Bakhtiari mts., and Upper Elam, IV. 481 *; reconnaissance in Bakhtiari country, IV. 188 †
 Sax, C. von: Entstehung und Wanderungen des Namens "Rumelien," XI. 462 †
 Saxe-Coburg and Gotha, H.R.H. the Duke of; obituary, XVI. 358
 Saxe Weimar, Geography in schools of; G. Wheeldon on, XI. 442
 Saxén, R.: Finlands kommuners namn i svensk skrift, XV. 547 †
 Saxon river, Novaya Zemlya, XI. 354
 Saxony—

- Ansiedelung der Siebenburger Sachsen: F. Teutsch, VI. 192 †
 Climatography: P. Schreiber, IV. 184 †
 Fruchtbarkeit und Sterblichkeit . . . Städten Sachsens: K. Ganzenmüller, XI. 565 †
 Kalender und statistisches Jahrbuch für das Kgr. Sachsen, † VI. 193; VIII. 568; X. 647; XV. 434; XVI. 571; XIX. 522
 Mundart der Siebenburger Sachsen: A. Scheiner, VI. 579 †
 Naturbedingungen . . . für den Verkehr der Oberlausitz: G. Taute, VIII. 411 †
 Regenkarte der Provinz Sachsen, etc.: G. Hellmann, XX. 350
 Verkehrsstrassen: A. Simon, I. 180 †
 Volkstümliches der Siebenbürger Sachsen: O. Wittstock, VI. 579 †
 Waldungen des Kgr. Sachsen: H. Gebauer, † VII. 328; VIII. 306, 412
 Zeitschrift des . . . statistischen Bureaus, XVIII. 321 †
 Saxton, G. H.; obituary, XVII. 539
 Saxton's survey of England, IX. 214
 Say, W. Africa, IX. 221
 Sayan highlands, Mongolia, VI. 554; XV. 278

- Sayce, A. H.: Egypt of the Hebrews and Herodotus, VII. 213 †; VIII. 70 §; position of Mt. Sinai, II. 168 §, 185 †; Recent discoveries in Babylonia, IX. 236 †; Semitic series, Babylonians and Assyrians, XV. 503 †

- Sayer, river, E. Africa, II. 539

- Scale Insects, Distribution of: T. D. A. Cockerel, VIII. 425 †

- Seammell, E. T.: Timber Resources of Australian Commonwealth, XX. 128 †

- Scandinavia (see also Norway, and Sweden)—

- Della Scandinavia . . . dia Paolo Diacono: A. Roviglio, X. 118 †
 Early Intercourse between Scandinavia and Italy: Montelius on, XVII. 656
 Einfluss der Eiszeit auf das Natur- und Kulturbild, etc.: H. Kerp, XVI. 120 †
 Elevation of Land in, etc.: R. Sieger, IV. 381 †
 En Scandinavie, A. Bouteau, VIII. 308 †
 Er der foregået nye invandring i Norden? C. O. E. Arbo, XVI. 120 †

SCHANZ

Scandinavia—continued.

- Etude présentée . . . par P. Herteman, man, XVIII. 634 †
 Glacial period in: N. O. Hilst, XVIII. 322 †
 Grunddragen af det centrala Skandinavians bergbyggnad: A. E. Törnebohn, X. 548 †
 Hydrographie der Skandinavischen Gewässer: G. Schott, IX. 345 †
 Ice age in C. Scandinavia; note on last stage of: H. Reusch, XVI. 694 †; Istiden under det . . . endemoraener markerede Stadium; J. Vogt, I. 82 †
 Limites d'altitude . . . forestières: C. Rabot, IX. 336 †
 Map: W. and A. K. Johnson, I. 286 †
 Norrland: T. Andersson, XII. 202 †; Norden: M. Roth, V. 610 †
 Pays Scandinaves et Finlandais: C. Vélain, XIII. 452 †
 Peat Fuel in Scandinavia: A. Bache, XIX. 395 †
 Praktiskt Geologiska Undersökningar inom Västernorrlands, XIV. 676 †
 Scandinavia as source of iron ore supply: J. Head, IV. 186 †
 Scandinavian ice sheet and Baltic glacier: Sir H. H. Howorth, XIII. 676 †
 ——— invasion of Spain, II. 364
 Skandinavians Geografi och Kartografi: K. Ahlenius, XVI. 694 †
 ——— geografiska utveckling: G. De Geer, IX. 234 †; XIV. 577 †
 Seenschwankungen und Strandverschiebungen: R. Sieger, II. 184, 262 §; III. 436 †
 Skizzen aus Norrland: W. Deecke, VI. 96 †
 Sphagneceernas Utbredning i Skandinavien: K. F. Dusen, VI. 194 †
 Tectonique et l'orographie de la Scandinavia: A. G. Högbom, XX. 240 †
 Trade with: F. H. Hitchcock, XVIII. 633 †
 Vorweltliche Lateritbildung, etc.: H. J. Haas, I. 564 †
 Scenery; Scientific study of: J. E. Marr, XV. 302 †; XVI. 112 §; Types of, and their influence on literature: Sir A. Geikie, XII. 68 *, 331 †
 Schäfer, E.: Zur Erinnerung an Marco Polo, XIV. 235 †
 Schaffer, F.: Bagdadbahn, XX. 244 †; Expedition to Asia Mi., XVI. 556; XVII. 190; Do. nach Kleinasien und in Nordsyrien, XX. 651 §, 667 †; Geologische Studien im . . . Kleinasien, XIX. 654 †; XX. 667 †; Meanderthalbeben vom Sept. 1899, XVII. 321 †; Zur Geotektonik des südöstlichen Anatolien, XVIII. 440 §, 550 †
 Schaffter, A. (biography): E. Ducommun, XIII. 219 †
 Schanz, M.: Australien und die Südsee,

SCHARDT

- XVII. 554 †; Ost- und Süd-Afrika, XIX. 527 †
- Schardt, H.: *Préalpes Romandes*, XIV. 109 †
- Scharff, R. F.: *History of European fauna*, XIV. 576 †; XV. 172 §
- Scharffenberg, J.: *Congo*, IX. 462 †
- Schaw, H.: *Phenomena connected with vertical circulation of atmosphere*, XV. 302 †; *Vertical component of motions of Earth's atmosphere*, XII. 638 †
- Scheda, J. von: *Karte der Balkan-Halbinsel*, IX. 690
- Schefer, C.: *biography*: H. Cordier, XIII. 220 †; *Catalogue de la Bibliothèque orientale de*, XIII. 688 †; *Collection de*: H. Cordier, XIII. 220 †; *Description de l'Afrique . . . par Léon Africain*, XII. 433 †; XIII. 559 †
- Schehol: *see* Jehol
- Scheibe, R.: *Geologische Spaziergänge im Thüringer-Wald*, XX. 350 †
- Scheibler, F.: *Sette anni di caccia grossa . . . in America, Asia, etc.*, XVI. 133 †
- Scheiner, A.: *Mundart der Siebenbürger Sachsen*, VI. 579 †
- Scheldt—
 Cour de l'Escaut: A. Rutot, X. 225 †
 Courses of Lys and: A. K. van Werveke, I. 278 †
 De gedaantewisselingen der Schelde en der Maas: J. Lorie, V. 504 †
- Schele, Baron von: *journey in E. Africa*, IV. 176; *Uehe*, VIII. 311 †
- Schenck, A.: *Afrikaforschung seit 1884*, XII. 433 †; *Boerenfriestaaten Südafrikas*, IX. 289; *Deutsch-Südwest-Afrika im Vergleich zum übrigen Süd-Afrika*, XIX. 656 †; *Glacial Phenomena in S. Africa*, VIII. 93 †; *Orographical and Geological features of Germ. S.W. Africa*, II. 66; *Transvaal und Umgebungen*, XV. 552 †
- Schenk, A.: *Ethnogenie des populations helvétiques*, XVI. 121 †; *Populations de la Suisse*, XIX. 104 †
- Schermann, L.: *Orientalische Bibliographie*, V. 400 †; *see* Müller, A.
- Scherzer, K. R. von: *biography*: J. Reingruber, XX. 475 †
- Scheult, E.: *Le port de Novorossisk*, XII. 93 †
- Schiaparelli, G.: *biography*, IX. 115 †
- , E.: *Configurazione geografica dell' alto Egitto*, XIII. 91 †; *Sulle anomalie della gravita*, IX. 111 †
- Schibler, W.: *Nivale Flora der Landschaft Davos*, XIII. 211 †
- Schick, C.: *Birket es Sultan*, XIII. 215 †; *Hebron and its neighbourhood*, XIII. 215 †; *Ramathaim-Zophim*, XII. 209 †
- Schieritz, E.: *Merubezirk in Deutsch-Ostafrika*, XX. 558 †

SCHLEINITZ

- Schiller-Tietz: *Das wiederentdeckte Goldland Ophir*, XVII. 212 †; *Woher stammt der name "America"?* XV. 558 †
- Schillings, G.: *journey to Kinarok, E. Africa*, X. 327
- Schimmelfennig, Haupt, von: *Expedition von Ngutte II. nach Yabassi*, XIX. 233 †; *Exploration in Kamerun*, XVII. 661; XVIII. 623
- Schimper, A. F.: *Aufgaben der Pflanzengeographie*, VII. 683 †; *Fortschritte der Pflanzengeographie*, XVI. 374 †
- Schindler, Sir A. H.: *see* Houtum-Schindler
- , F.: *Survey of Upper Kasai*, XIX. 505
- Schinz, H.: *on flora of Aldabra Is.*, XI. 70
- Schiötz, O. E.: *Norwegische Commission der Europäischen Gradmessung*, V. 86 †; *Resultate der in . . . Norwegens Pendelbeobachtungen*, VII. 109 †
- Schirmer, H.: *Dernier rapport d'un Européen sur Ghât et les Touareg de l'Aïr*, XIII. 93 †; *Exploration du Sahara*, XI. 199 †; *Histoire de la découverte . . . des Etats du Soudan*, XIV. 119 †; *Pourquoi Flatters et ses compagnons sont morts*, VIII. 418 †; *Résultats géographiques des explorations dans la Boucle du Niger*, XII. 211 †; *Sahara*, II. 474 †; III. 415 §; *Sahara inconnu*, XII. 210 †; *Traité de Partage de 1894 en Afrique centrale*, VII. 442 †
- Schjerning, W.: *Der Pinzgau*, IX. 573 †, 660 §; *Die Pinzgauer*, X. 224 †; *Zeller See im Pinzgau*, III. 343 †, 512 §
- Schjött, P. O.: *Ethnographische . . . Groekeland*, IX. 676 †
- Schlagintweit, E.: *Berechnung der Lehre*, X. 657 †; *Name des höchsten Berges der Erde*, XVII. 549 †; XX. 123 †
- , M.: *Eisenbahnen in westlichen Vorderasien*, XX. 556 †; *Mekkabahn*, XX. 241 †
- Schlechter, R.: *Westafrikanische Kautschuk-Expedition*, XIV. 445; XVII. 555 †; XVIII. 306 §
- Schlegel, G.: *Geographical notes, Holing Kaling, etc.*, XIII. 89 †; *Do, Ma-it-Majep-ung*, XIV. 334 †; *Do, Shaypo, Djarâ*, XV. 80 †; *on locality of Tantan or Dan-dan*, XV. 277; *Nicobar and Andaman Is.*, XII. 430 †; *Old states in I. of Sumatra*, XIX. 525 †, 754 §; *Peuples étrangers chez les historiens chinois*, †I. 279; III. 70; V. 506; VI. 294; *Stèle funéraire du Teghin Giogh*, I. 284 †
- *et* H. Cordier: *T'oung pao*, V. 605 †
- Schleiff, V.: *Wald und Waldwirtschaft im nördlichen Anatolien*, XX. 556 †
- Schleinitz, F. von: *Begleitworte zur Karte . . . der Insel Neu-Pommern*, VIII. 421 †; XII. 81 §, 101 †

SCHLESWIG-HOLSTEIN

Schleswig-Holstein—

- Ansiedelung . . . in der Nordmark :
R. Petersen, XI. 565 †
- Beiträge zur Siedelungskunde Nordal-
bingiens : A. Gloy, I. 373 †, 453 §
- Coast changes in S.W. Schleswig ; R.
Hansen, II. 365 §, 378 †
- Deutsche und Dänen in Nordschleswig :
P. Langhans, XIV. 223 †
- Endmoränen und das marine Diluvium :
C. Gottsche, XII. 427 †
- Excursion nach Ost-Schleswig-Holstein
und der Insel Sylt, XVII. 207 †
- Geographischen Verteilung der Perso-
nennamen . . . um 1500 : R. Hansen,
XVI. 485 †
- Magnetische Beobachtung : A. Schück,
VIII. 528 †
- Nationalitätsverhältnisse in Schleswig,
XIII. 555 †
- Neue Köge in Süderdithmarsch : R.
Hansen, XII. 427 †
- Schleswigschen Halligen und das
Leben auf denselben : P. Andresen,
XII. 427 †
- Sprechenverhältnisse in Schleswig : P.
Langhans, I. 82 †
- Schlich, W. : World's timber supply,
XVIII. 241 †, 314 §
- Schlichter, H. G. : Determination of geo-
graphical longitudes by photography,
II. 17, 423 * ; (letter on), III. 150 ;
Neues über Karl Mauchs Forschungen
in Südafrika, VIII. 311 † ; X. 552 † ;
obituary, XVII. 540 ; remarks on
"Expedition through Somaliland to
lake Rudolf," VIII. 237 ; on "Pre-
Columban discovery of America," V.
236 ; Ruinen von Simbabwe, I. 183 † ;
Ruins in Mashonaland, I. 146 * ; 371 ;
(Historical evidence), II. 44 ; System of
investigation of geographical problems,
II. 500 ; Travels and researches in
Rhodesia, XIII. 376 * ; XIV. 458 †
- Schlobach, Haupt. : Die Völkstämme der
deutschen Ostküste des Victoria-
Nyanza, XIX. 233 †
- Schloifer : expedition to lake Tanganyika,
XIV. 566 ; XVII. 430
- Schlottman, K. : Die Havel bei Plaue, IX.
232 †
- Schlüter, O. : Aussprache des Namens
Kerguelen, XIX. 777 † ; Bemerkungen
zur Siedelungsgeographie, XIII. 687 † ;
Formen der ländlichen Siedelungen,
XVI. 259 † ; Grundriss der Städte,
XVI. 132 †, 235 § ; Reformbestrebungen
in China, XIII. 453 †
- Schmaltz, W. : Kohlenhafen von Zongul-
dak, XI. 194 †
- Schmeisser, K. : Goldfelder Australasiens,
XI. 319 † ; Reisebeobachtungen in
den Goldländern Australasiens, IX.
109 †
- Schmeltz, J. D. E. : Bogen von Afrika
und Neu-Guinea, I. 90 †

SCHNEE

- Schmid, E. : Temperaturverhältnisse in
der Aare bei Bern, XIII. 211 †
- Schmid, Francke & Cie. : Distanzenkarte
des Berneroberrandes, VIII. 655 †
- Schmidel, Ulrich : B. Mitre, VII. 569 †
- Schmidt, A. : Aberration der Lothlinie,
IX. 244 † ; Darstellung der Ergebnisse
erdmagnetischer, etc., XII. 218 † ; Dis-
tribution of magnetic observatories, X.
234 † ; Erdmagnetismus und Erdgestalt,
VII. 338 † ; Geographischen Aufgaben
der erdmagnetischen Forschung, XII.
218 † ; Linien gleicher Werte . . . der
erdmagnetischen Kraft, XII. 444 † ; Neue
Berechnung des erdmagnetischen Pot-
entials, IX. 113 † ; on terrestrial
magnetism, IX. 650 ; XI. 523 ;
Nothwendigkeit . . . der erdmagne-
tischen Observatorien, IX. 685 † ;
Vertheilung des erdmagnetischen Pot-
entials, etc., VII. 449 †
- , C. : L. Rüttimeyer als Gebirgs-
forscher, IX. 115 †
- , E. : Mappillas der Malabar-
küste, XI. 312 † ; Reise nach Südlindien,
V. 88 † ; Verteilung der Kopfformen in
Europa, XVIII. 119 †
- , L. : Le Yun-Nan, XIX. 396 †
- , M. : Reiseskizzen aus Zentral-
brasilien, XX. 560 †
- , M. C. P. : Ausdrücke "Länge"
und "Breite" in der Geographie, XX.
363 †
- , M. G. : Siedelungen an der
Hainleite, XVII. 444 †
- , R. : Deutschlands Kolonien :
Ost-Afrika, VI. 582 † ; Geschichte des
Araberaufstandes in Ost-Afrika, I.
183 †
- , U. : see Schmidel
- , V. : Hvor laa det gamle Gosen,
VII. 563 †
- : Journey along E. coast of
Korea, XVIII. 213 ; on marine fauna of
Peter the Great bay, XVIII. 213 ;
News from Korea-Sakhalin expedition,
XVIII. 106 †
- Schmit von Tavera, E. Ritter : Besteigung
des Popocatepetl im Jahre 1866,
XIX. 529 †
- Schmitt, R. H. : biography, XV. 447 † ;
Colonisationsproject der Freiländer,
VII. 572 † ; Geographische Ortsbestim-
mungen in Ostafrika, XVI. 368 † ;
Surveys in Germ. E. Africa, IX. 562
- Schmitz, H. : Burma, XIII. 558 †
- Schmiele, G. : on Germ. New Guinea, I.
359
- Schnauder, M. : Astronomische Ortsbestim-
mungen in Kamerun, XIII. 93 † ; XIX.
657 †
- Schnee : Fahrt nach der Südküste Neu-
Pommerns, XVI. 107 §, 127 † ; Ortsna-
men in Bismarck-Archipel, XIX. 530 † ;
Visit of inspection in New Britain,
XIV. 570

SCHNEIDER

- Schneider, A.: Das alte Rom, VIII. 198 †; Stadtfänge in Altertum und Gegenwart, VII. 339 †
- , C. K.: Aus der Pflanzenwelt der Sahara, XIII. 93 †; Ribbes Reisen in der Südsee, VII. 330 †
- , M.: Au Cap Nome, XVIII. 234 †
- Schneiders, G.: Südostabteilung von Borneo, III. 345, † 515 §; Südosten von Borneo (map), III. 355 †
- Schnell, P.: L'Atlas marocain, XIII. 215 †
- Schoch, G.: Crociera nel Mar Polare Artico, XVI. 128 †
- Schoeller: Trade of Austria-Hungary, XII. 536 †
- , M.: biography: P. Paulitschke, XIV. 236 †; Expedition nach Aequatorial-Ost-Afrika, XII. 434 †, 631 †; do. nach Central-Afrika, VIII. 175; IX. 664; XII. 413, 433 †; Mitteilungen über meine Reise nach Aequatorial-Ost-Afrika, XIX. 398 †; see Schweinfurth
- Schoener, G.: Die Farör, XVIII. 546 †; Schwedens Högfjällgebiet, X. 226 †
- Schoentjes: Déformations que fait naître la pression dans un hémisphère creux, XV. 673 †
- Schofield, J. A., W. F. Smeeth, and T. W. E. David: Antarctic rocks collected by C. E. Borchgrevink, IX. 110 †
- Schokalsky, J. de: Arbeiten der Russischen Kriegsmarine in den Arktischen Gewässern, XIII. 211 †; General de Tillo, XVI. 590 †; Lac Ladoga au point de vue thermique, XVI. 471 §, 694 †; XVIII. 211 §; XIX. 394 †; Notice sur le développement de la science océanographique, XVII. 97 †; Recherches des Russes de la route maritime de Sibérie, VIII. 310 †; Régions polaires, XV. 301 †; Russian navigators in Arctic Ocean in 1895–96, XII. 172 †; Sur les observations du pendule à seconde en Russie, XIX. 405 †; Travaux des officiers hydrographes russes dans l'Océan Arctique et en Sibérie, XIX. 397 †; Travaux géographiques russes en 1895–96, XI. 92 †
- Scholtz, W. C.: S. African climate, etc., XV. 440 †
- Scholz, J.: Das Bakwivolk, XVIII. 641 †
- Schomburg, Richard: Account of Roraima, trs. Mrs. von Ziegezar, VI. 98 †
- Schomburgk, Sir Robert: boundaries laid down by, VII. 280, 309; explorations, etc., in Br. Guiana, VII. 101; IX. 591; Notes on the Schomburgk line and Guayana boundary: A. Heilprin, VIII. 421 †; Schomburgkiana, IX. 108 †
- Schönan I., Franz Josef Land, X. 188
- Schönberger, F.: Orometrisches aus den Niedern Tauern, VI. 292 †; X. 546 †

SCHRADER

- Schöne, E.: Der Fläming, XV. 188 †
- Schoute, P. H.: Reclamation of Zuiderzee, I. 234 *
- Schools: see Education
- Schott, C. A.: Distribution of magnetic declination in Alaska, X. 230 †; Geodetic positions in S.E. Alaska, X. 230 †; Magnetic declination in Alaska, etc., VI. 489 †; U.S. Coast and Geodetic Survey, Geodesy, XVII. 556 †
- , G.: Aegäische Meer, VI. 201 †; Aquatoriale Stille Ocean und seine Wasserbewegungen, VIII. 195 †; Besuch in Atjeh auf Sumatra, I. 566 †; Deutsche Tiefsee-Expedition, XIII. 686 †; Deutsche Tiefsee-Expedition auf dem Dampfer *Valdivia*, XVI. 491 †, 589 †; Drift-bottles and surface currents, XIII. 686 †; Dritter Beitrag zur Hydrographie des St. Lorenz-Golfes, XI. 322 †; Fischereibänke des Nördlichen Stillen Ozeans, XI. 103 †; Forschungsreise . . . nach den östasiatischen Gewässern, I. 283 †; Gewässer der Bank von Neufundland, XI. 103 †; Hydrographie . . . der Ostsee, VII. 448 †; Do. des St. Lorenz-Golfes, X. 230 †; Do. der skandinavischen Gewässer, IX. 345 †; Jährliche Temperaturschwankung des Ozeanwassers, VI. 587 †; Linien gleicher mittlerer Jahreschwankung der Temperatur des Oberflächenwassers (map), VI. 298 †; Meeresströmungen in der Strasse von Messina, III. 344 †, 512 §; Nebel der Neufundland-Bänke, XI. 97 †, 300 §; Observations on ocean currents and waves, I. 555; Oceanographical and meteorological work of *Valdivia* expedition, XV. 518 †; XVI. 258 †; Oceanographischen Aufgaben . . . deutschen Tiefsee-Expedition, XII. 217 †; Ostasiatischen Gewässern, III. 308 §; (map), III. 260 †; Ozeanographie in den Jahren 1895–96, XI. 458 †; Sprungwelle und Fluthgrosse im . . . Fundy-Bai, XVI. 125 †; Strömungen zwischen Singapore und Taku, XVI. 576 †; Verkehrswege der transozeanischen Segelschiffahrt, VI. 588 †; Von der deutschen Südpolar-Expedition, XX. 362 †; 673 †; Von der deutschen Tiefsee-Expedition, XI. 673 †; XIV. 345 †, 587 †; XV. 89 †; Wärmevertheilung in dem Wasser der Südpolar Meere, XX. 129 †; Wissenschaftliche Ergebnisse einer Forschungsreise zur See, II. 567 †
- Schotter, A.: Le Kouytcheou, XV. 190 †
- Schrader, C.: Beschickung von Lothungen auf Niedrigwasser, XV. 672 †; Bestimmung von Ortszeit und Azimut aus gleichen Sonnenhöhen, XIX. 406 †
- , F.: A quoi tient la beauté des montagnes? XV. 676 †; Année cartographique, † III. 168; V. 95; VII.

SCHRADER

- 342; IX. 248; XI. 210; XIII. 334; XV. 451; XVII. 222; XIX. 414; Atlas de géographie historique, † II. 286, 572; III. 167, 259, 540; IV. 96, 287; V. 191, 408, 510; VI. 204; VII. 228, 574; Atlas universel de géographie, † IV. 96; VI. 105; VII. 343; VIII. 200, 656; IX. 587; X. 126; XI. 110, 327; XII. 111, 334; XIII. 692; XIV. 239, 349; XV. 94, 307, 451, 560; XVI. 711; XVII. 223; XX. 134; Nouvel Instrument servant au tracé direct, etc., VII. 219 †; Etendue des glaciers des Pyrénées, VII. 109 †; Tachéographie, VIII. 194 †; XIX. 406 †
- Schrader, C. and E. de Margerie: Forme et relief des Pyrénées, III. 158 †; IV. 366 §
- , F. C.: Cape Nome district, XV. 440 †; Recent work of U.S. Geological Survey in Alaska, XX. 127 †
- , and A. Brooks: Surveys in Alaska, XV. 422
- , and Gardine; expedition to Alaska, XIV. 322
- Schram: *see* Weiss
- Schreiber, P.: Niederschlag in Böhmen und Wasserabfluss in der Elbe, I. 278 †; Klimatographie des Königreichs Sachsen, IV. 184 †
- Schrenk, B. von: Trees of St. Louis as influenced by tornado, XIII. 329 †
- , L. von; death, III. 241; Reisen und Forschungen im Amur-lande, VIII. 530 †; XVII. 89 †
- , P. von Glehn, and W. Grube: Giljakisches Wörterverzeichnis, I. 468 †
- , and W. Grube: Reisen und Forschungen im Amur-Lande, XVII. 89 †
- Schroder, S.: Azoren, XV. 437 †
- Schroeder van der Kolk, J.: Bijdrage tot de Kartering onzer Zandgronden, XI. 449 †
- Schroeter, O.: Laufveränderungen der Saale, XI. 191 †
- Schubert, H. von: Das heutige Bosnien, II. 461 †
- , J.: Einfluss der Wälder auf das Klima, XVII. 563 †; Temperatur und Feuchtigkeit der Luft am freien Felde, etc., XII. 104 †
- , K.: Riga, IX. 458 †
- Schuchhardt, C.: Das Römercastell bei Haltern an der Lippe, XVI. 243 †
- , H.: Kharthwelische Sprachgebiet im S.W. Kaukasus, X. 346; Zur Geographie und Statistik der Kharthwelischen Sprachen, XI. 91 †
- Schück, A.: Jakobstab, IX. 111 †; Magnetische Beobachtungen . . . der west und südküste Schleswig-Holsteins, VIII. 528 †; Salzgehalt und Specifisches Gewicht des Meerwassers zwischen den Norwegischen Scheren, II. 567 †;

SCHURTZ

- Stabkarten der Marshall-Insulaner, XX. 128 †
- Schuck, R.: Pitzthal, XVII. 442 †
- Schuller, F.: Volksstatistik der Siebenbürger Sachsen, VI. 192 †
- Schulte, A.: Eisenbahn Victoria-Mundame, XIX. 399 †; Kultur von Thee in Britisch-Indien und Ceylon, XVIII. 549 †
- Schulten, A.: Mosaikkarte von Madaba, XVII. 210 †, 516 §
- Schultheiss, F. G.: Deutschen in Südtirol, IX. 676 †; Maps and plans illustrating proposed Jungfrau railway, IX. 586 †
- Schultz, C.: Russia's progress in E. Asia, XVII. 87 †
- , Hon. J.: Forgotten Northern fortress, IV. 378 †; Old Crow-Wing Trail, IV. 378 †
- Schultze, F. E.: on Antarctic exploration, III. 23
- Schulz, Alfred: Justus Perthes Geschichts-Atlas, XI. 110 †; Syriens Rolle im Welthandel, XIX. 232 †
- , August: Entwicklungsgeschichte der Pflanzenwelt Mittel-Europas, VI. 99 †; Phanerogame Flora und Pflanzendecke des Saalebezirkes, XX. 551 †; (Entwicklungsgeschichte . . .) XIII. 88 †; Do., Mitteldeutschlands, XX. 464 †; Verbreitung der Halophilen Phanerogamen in Mitteleuropa, XIX. 391 †
- , Aurel, and A. Hammer: New Africa, X. 175 §, 229 †
- , K.: Seiches in lake of Gmunden, XIII. 656
- Schulz-Baumgärtner, W.: Wie man in Persien reist, XVII. 209 †
- Schulze, F.: Erste ethnographische Skizze über die Botokuden, XIX. 109 †; Jährlichen Niederschlagsmengen Thüringens, XIII. 88 †
- Schumacher, A.: Uebereinstimmung von Zeit, Weg und Kreisteilung, XVII. 457 †
- , H.: Der Westfluss und seine wirtschaftliche Bedeutung, XIII. 453 †
- , H. A.: Olaus Magnus und die ältesten Karten der Nordlande, III. 149 §, 257 †
- , R.: Formosa und seine Gebirgswohner, XIII. 91 †, 68 §; Reise zu den Tschinuan, XV. 80 †
- Schumann, O.: Islands Siedlungsgebiete während der landnámátið, XVI. 361 †
- , R., und F. Kühnen: Neumesung der Grundlinien bei Strahlen, XI. 205 †
- Schunke, H. C.: Orography and climatic conditions of S.E. Africa, IV. 283 †; Physical geography and ethnology of Transkeian territories, IV. 282 †
- Schurman, J. E.: Philippine Is. and their people, XVI. 248 †
- Schurtz, H.: Afrikanisches Steingeld,

SCHUSTER

- XIX. 773 †; Alterklassen und Männerbünde, XIX. 782 †; An der Riasküste Galiciens, XX. 121 †; Entstehungsgeschichte des Geldes, X. 556 †; Kairuan, XVI. 252 †; Ursprung der Kultur nach L. Frobenius, XIII. 460 †
- Schuster, O.: Langkofelgruppe, IX. 457 †
- Schütte, L.: Lage von Parma und ihre Bedeutung, XIX. 228 †
- Schütz-Holzhausen, D. von: Der Amazonas, VII. 335 †
- Schuylkill river, Upper: O. C. S. Carter, XI. 202 †
- Schwabach: Trade of Germany (F. O. Rep.), XVIII. 631 †
- Schwabe, Dr.: Gesundheitsverhältnisse der Marshall Inseln, VII. 218 †
- , K.: Mit Schwert und Pflug in Deutsch-Südwestafrika, XIV. 337 †; Südwestafrikanischen Eisenbahn, XI. 570 †; Verkehrsverhältnisse in den deutsch-afrikanischen Schutzgebieten, XX. 558 †
- Schwager, H.: Geographische Mannigfaltigkeit des oberen Spreethales, XII. 537 †
- Schwaighofer, W.: on Austria-Hungary and Eastern trade, XVI. 553
- Schwalbe, B.: Achte naturwissenschaftliche Feriencursus für Lehrer an höheren Schulen, XII. 547 †
- , G.: Frost-, Eis- und Sommertage in Nord-Deutschland, X. 338 †
- Schwaner mts., Borneo, VI. 573
- Schwartz, W.: Besteigung des Vulkans Kirunga tscha Niragongwe, XX. 245 †, 337 §
- Schwarz, F. von: Turkestan, die Wiege der indogermanischen Völker, XX. 354 †
- , P.: Aeltere geographische Literatur der Araber, X. 234 †
- Schwarz Nolla river, Switzerland; torrents of, I. 264
- Schwarzbürg-Sonderhausen, Wald- und Wasserverhältnisse des Fürstentums: H. Toepfer, VII. 108 †
- Schwarzer, O.: Kunde der Entdeckung Amerikas im deutsch-slavischen Osten, XIX. 240 †
- Schwatka, F.: Commerce of Arctic regions, II. 189 †
- Schweiger-Lerchenfeld, A. von: Donau als Völkerweg, VII. 327 †
- Schweinfurth, G.: Abyssinische Pflanzennamen, III. 71 †; Aegyptens auswärtige Beziehungen hinsichtlich der Culturgewächse, I. 470 †; Am westlichen Rande des Niltals zwischen Farschut und Kom Ombo, XVII. 553 †; Aufnahmen in der östlichen Wüste von Aegypten, XIII. 691 †; XVI. 708 †; XX. 567 †; Altes Heiligtum an den Ufern des Möris, VII. 214 †; Altes Stauwerk aus der Pyramidenzeit, VI. 296 †; Manfredo Camperio, XVI. 590 †; Viaggio col

SCLATER

- Dr. Schoeller nell' Eritrea italiana, V. 89 †; Moeris See nach neuesten Forschungen, II. 379 †; Note on salt in Wadi Rayan, IV. 377 †; Origine des Egyptiens, etc., X. 551 †; XI. 198 †; photographs of Italian possessions on Red Sea coast, X. 348; Reise mit M. Schoeller in der Italienischen Erythraea, IV. 577 †; Steinbrüche am Mons Claudianus, IX. 681 †; Wiedergeburt Aegyptens, VII. 221 †
- Schweinfurth, G., and P. Ascherson: Primitivæ Floræ Marmaricæ, V. 185 †
- , und L. Lewin: Beiträge zur Topographie . . . des Aegyptischen Natron-Thals, XII. 434 †
- Schweitzer, G.; Life of Emin Pasha, XIII. 416 §
- Schweizersbild, Prehistoric rock-shelter at: J. Geikie, XI. 89 †
- Schwerdfefer, J.: Bernhard Varenius, XV. 675 †; Heimath der Homanen, XII. 439 †
- Schwerer, A.: Etude sur la loi des tempêtes, VII. 20 †; Instructions . . . sur l'horizon gyroscopique, IX. 581 †; see Millet
- , et E. Guyou: Observations magnétiques en mer, etc., IX. 685 †
- Schwerin, H. H. von: Om Kustfolks olika sjöduglighet, XVI. 375 †
- Seidmore, E. R.: China, the long-lived Empire, XVI. 486 †; Cruising up the Yangtze, XV. 191 †; discovery of Glacier Bay, Alaska, VIII. 312 †; Java, the garden of the East, XI. 313 †; N.W. passes to Yukon, XII. 213 †; Recent earthquake wave on coast of Japan, VIII. 650 †; Recent explorations in Alaska, III. 348 †
- Science in Arcady: G. Allen, I. 380 †
- Sciences, Formulation of the Natural: E. D. Cope, VII. 685 †; Genealogy of: H. Arctowski, X. 344 †; Position of geography in cycle of: A. S. White, II. 178
- Scientific and Learned Societies, Year-Book, VIII. 189 †; XIV. 347 †
- Literature, International Catalogue of, XII. 105 †; XIV. 466 †, 467 †; XVIII. 649 †; Papers, Catalogue of: Royal Society, VII. 570 †; XX. 365 †
- Purposes Grant, Report, II. 78; IV. 77
- Societies, Origin, etc., of our: Sir J. Evans, XVII. 328 †
- Scilly Is.—Wanderings in Scilly Archipelago: A. Denny, XII. 627 †
- Slater, B. L.: Explorations in Nyasaland, I. 68; VII. 662; Note on map of, II. 423; obituary, X. 333; progress of road to Victoria Nyanza, IX. 89; remarks on "Stairs Expedition to Katangaland," II. 246; Routes and districts in S. Nyasaland, II. 403 *; Slater road to Victoria Nyanza, XIV. 278

SCLATER

Sclater, P. L.; biography: G. B. Goode, IX. 115†; Apparently new species of zebra from Semliki forest, XVIII. 327†; Distribution of marine mammals, X. 219†; letter on proposed new terms in geographical distribution, IX. 673; remarks at Royal Society's Antarctic meeting, XI. 422; results of Böttinge second expedition, XV. 439†; visit to Spitzbergen, VIII. 299

—, W. L.: Geography of mammals, III. 95*; IV. 35*; V. 471*; VII. 282*, 435*; VIII. 378*; IX. 67*; X. 84*; Notes on so-called "post-office" stone . . . in S. African Museum, XIX. 773†

— and P. L.: Geography of mammals, XIV. 123†

Scobell, A.: Handbuch zu Andrees Hand-atlas, IV. 92†; V. 402†; Handels-Atlas zur Verkehrs und Wirtschaftsgeographie, XX. 369†; Neuer Volks- und Familien-Atlas in ein Hundert Karten-Seiten, XIX. 247†

Scolette, Massif de: W. A. B. Coolidge, XII. 91†

Scordale, Westmorland, VII. 609

Scoresby, W.: Voyage to E. coast of Greenland, XVII. 52

Scoresby Sound, E. Greenland, I. 43; Geologische Karte: E. Bay, IX. 691†; Observations . . . dans le: C. Ryder, VII. 682†

Scorpiu, H. et K.: Sources et Pertes des eaux en Bulgarie, XIV. 110†

Scotland—

Admiralty survey of coasts, XII. 70

Archæological notes on early Scotland: W. G. Don, VII. 562†

Botanical survey: R. Smith, XVI. 574†; Methods and objects of: W. G. Smith, XX. 241†

Coinage: E. Burns, XII. 205†

First topographical Survey: C. G. Cash, XVIII. 614§; XIX. 104†

Fogs on coasts: A. Buchan, XX. 241†

Forests and woodlands in early historic times: H. B. Watt, XVII. 426§, 446†; Distribution of certain forest trees in: W. N. Niven, XIX. 767†

Frost of 1895: R. C. Mossman, VII. 677†

Geography of: A. J. Herbertson, XII. 323†

Geomorphologische Probleme aus Nord-west-Schottland: A. Penck, XI. 163§, 194†

Glaciation of W. of: D. Bell, V. 87†

Guides—Murray's Handbook, V. 505†; XV. 78†; Thorough Guide Series: M. J. B. Baddeley—N. Highlands, IV. 375†; XVIII. 104†; Lowlands, IV. 186†; Orkney and Shetland, XVI. 364†; Official Guide, W. Highland Railway: W. Melven, VI. 293†

SCOTLAND

Scotland—continued.

Highlands of, Sir A. Geikie on, V. 139; A. Penck on, XI. 163

Itinerary of Prince Charles Stuart: W. B. Laikie, X. 227†

Journey to Scotland in 1435: J. Jusserand, V. 293†

Local geographical work in, IX. 441

Lochs—Bathymetrical survey of fresh-water; Sir J. Murray and F. R. Pullar, XV. 309*; XVI. 121†, 246†; XVII. 273*; XVIII. 104†, 105†; Pullar Memorial Survey; Johnston on, XX. 525; Survey of British Lakes: J. Chumley, XX. 666†; Temperature of water of: J. Murray, IX. 337†

Maps—Atlas of Scotland: J. G. Bartholomew, VII. 120†; (Population maps in), VIII. 520; "Contour" Road book: H. R. G. Inglis, VIII. 415†; "Half-Inch" Map: H. G. Inglis, I. 476†; Naturalist's Map: J. A. Harvie-Brown and J. Bartholomew, II. 383†; Ordnance Survey, II. 569†; Reduced Ordnance Survey: Bartholomew, †II. 383; IV. 286, 383; VIII. 538, 655; "Safety" Cycling Map: H. G. Inglis, IV. 382†; "Three Miles to an inch" Map: W. and A. K. Johnston, VI. 104†; XII. 333†; Tidal streams round coast, XV. 95†; Do. on W. coast: F. H. Collins, IV. 286†

Mountain, moor, and loch of W. Highlands, IV. 281†

North Sea Pilot, N. and E. Coasts, VIII. 190†

Physical geography, XV. 49

Place-names of: J. S. Blackie, IV. 186†

Population en Ecosse, Influences géographiques dans la répartition de la: P. Privat-Deschanel, XIX. 767†

Rainfall, Annual, 1800 to 1898: A. Buchan, XVI. 364†

Sailing directions for W. coast, VIII. 189†

Scotland in prehistoric times: C. Annandale, I. 181†

Scottish geology and mineralogy, Guide to collections, XI. 89†

—land-names, their origin and meaning: Sir H. Maxwell, IV. 84†

—races: their ethnology, etc.: E. Duncan, XI. 89†

—uplands, Survey memoir on: C. Lapworth, XV. 190†

Sea (Forth, Tay, Clyde), Physical Observations (Fishery Board Rep.): H. R. Mill and A. J. Herbertson, III. 336§, 351†

Stone circles of: A. L. Lewis, XVII. 672†

Two glens and agency of glaciation: Duke of Argyll, VIII. 415†

SCOTT

Scott, Rev. D. C., of Blantyre Mission, -I. 101

—, D. D.: Evolution of mine-surveying instruments, XIV. 344 †

—, J. G.: remarks on "Country of the Shans," VII. 600; on "Journey round Siam," VIII. 451

— and J. P. Hardiman: Gazetteer of Upper Burma and Shan States, XVII. 549 †; XVIII. 636 †

—, R. H.: Hon. R. Abercromby, XI. 105 †; Diurnal range of rain at observatories, XVI. 121 †; Frequency of rainy days in British Is., XIII. 213 †; International Meteorological Conferences, IX. 245 †; Note of remarkable dust haze at Teneriffe, XVII. 676 †

—, —: on organisms in Loch Leven, XVII. 285

Scott-Elliott, G. F.: Africa as field for colonial enterprise, VII. 112 †; naturalist in Mid-Africa, VII. 331 †, 660; Best route to Uganda, VI. 487 †; Climate and floral regions in Africa, I. 566 †; Commercial prospects of Br. C. and E. Africa, VII. 678 †; Expedition to C. Africa, II. 486; to Mt. Ruwenzori, IV. 349 †; V. 377; VI. 301 †; on Ruwenzori, XVII. 34; Photographs of E. Africa, IV. 192; Primary conditions of tropical production, XI. 458 †; Prospect of Chinese trade, XIV. 456 †; remarks on "Three years' travel in Congo Free State," V. 445; Report on botany of Sierra Leone, II. 460; vegetation in valley and plains of the Clyde, XVIII. 511

—, and J. W. Gregory: Geology of Mt. Ruwenzori, VI. 582 †

—, W.: Story of Atlantis, IX.

688 †

Scottish Geographical Magazine, Antarctic number, XIII. 96 †; Society: *see* Royal Scottish

— and Irish Training Colleges, R.G.S. prizes to, II. 456; V. 377

— National Antarctic expedition, XX. 438

Scott-Moncrieff, Sir C.: The Nile, V. 606 †

Scovell, J. T.: Mt. Orizaba, or Citlaltepētli, II. 187 †

Scratchley, Mt., New Guinea, IX. 94, 449

Scriven, G. P.: Report on Nicaragua canal, VII. 565 †

Scroggs, W. L.: British aggressions in Venezuela, VI. 393 †

Sendamore, C.: Belgium and the Belgians, XVIII. 546 †

Scurvy—

Decline of scurvy afloat: C. M. Beadnell, XIV. 589 †

Experimental inquiry into: F. G. Jackson and V. Harley, XV. 676 †

Hinná as remedy for: H. G. Raverty, I. 367

SEALS

Scurvy—*continued*.

Pathology and therapeutics of: A. E. Wright, XI. 209 †; XVII. 457 †

Probable cause of, IX. 504

Seutari, Albania, XI. 422; Note statistiche sul vilayet di: A. Baldacci, XVIII. 634 †; Trade, XIII. 676 †

—, lake, III. 510; IV. 391, 406;

Exploration of: J. Cvijić, XIX. 211

Seylla and Charybdis, Whirlpools of; G. Schott on, III. 512

Seythian square of Herodotus, VIII. 607

Sea (bottom, soundings, water, etc., scientific investigations: *see* Oceanography)—

New rules of the road at: H. S. Moore, IX. 688 †

Positions at, Diagram for working out: L. Favé and R. de L'Isle, III. 351 †

Sea and land: N. S. Shaler, VI. 101 †

—, Areas of; H. Wagner's calculations, VI. 576

— barriers, Effect of: J. F. Newsom, XIV. 688 †

— beaches and sandbanks: V. Cornish, XI. 528 †, 628 †; XII. 329 †

— coast, The: W. H. Wheeler, XIX. 660 †, 747 §

— currents and rivers, Laws of movement of: A. W. Cronander, XIII. 568 †

— level—

Berzelius or variations of, I. 557

Observations on Swedish coasts, VIII. 295

Oscillations in: H. W. Pearson, XVIII. 341 †

Seaports, Commercial: A. Dorn, etc., IV. 91 †

Sea-power and sea-carriage: B. Taylor, XIV. 346 †

Importance of sea-power, etc.: W. W. Marshall, XIV. 689 †

Influence of, upon history: A. T. Mahan, *trs.* Boisse, IX. 345 †

—, upon French Revolution and Empire: A. T. Mahan, XIII. 461 †

— routes: *see* Ocean Routes

— shore: *see* Coasts

— transport, Costs of, etc.: A. W. Flux, X. 344 †

— waves: *see* Waves

Seager, S. H.: Architectural art in New Zealand, XVII. 454 †

Seal bay, Novaya Zemlya, XI. 357

— I., Graham Land, IV. 342

— Is., The Russian: L. Stejneger, IX. 322 §, 339 †

Seals—in Antarctic, III. 34; V. 586; VII. 516, 627; XVI. 382

Fur-seals; American case, XI. 200 †;

Do. and Bering Sea arbitration: J. S. Brown, IV. 578 †; in Southern seas,

F. R. Chapman on, III. 353 †

Geographische Verbreitung der Pinnipedia: C. Grevé, IX. 686 †

SEALS

Seals—continued.

- Seal and whale fishery of 1900: T. Southwell, XVIII. 241 †
- Sealy, E. P.; Work in N. Z. Alps, I. 33
- Seamanship, Manual of Elementary: D. Wilson-Barker, IX. 348 †
- Sears, A. F.: Coast desert of Peru, VII. 217 †, 445 †; Geographic conditions that make great commercial centres, XIII. 98 †, 309 §
- Seasons, Periodicity of good and bad: H. C. Russell, X. 124 †
- Seathwaite, Rainfall of: W. Marriott, XI. 663 §; XII. 203 †
- Sébille, G.: Iles Marion et Crozet, XX. 123 †
- Sebong river, Annam; A. Yersin's survey, I. 267
- Sebuka rapids, Linyanti river, XVII. 573
- Sebungu district, S. Rhodesia; A. J. C. Molyneux's Map, XVIII. 294
- Sechuan; Journey in: G. J. L. Litton, XII. 187 §, 323 †; A. von Rosthorn, VII. 201; in W.: Mrs. Bishop, X. 19 *; through S.W.: E. Amundsen, XV. 620 *; XVI. 531 *; Navigable rivers, XII. 508; Navigation à vapeur: C. Madrolle, XIX. 768 †; Photographs: R. L. Jack, XVII. 332; Railways to: E. C. Pottinger's surveys, XVI. 681
- Secretan, J.: To Klondyke and Back, XII. 326 †
- Sederholm, J. J.: Några ord om södra Finlands, etc., IX. 678 †
- Sedimentation, X. 130, 139; Inner Mechanism of: J. Joly, XIX. 532 †
- Seebee, F.: Travelling impressions in Peru, XIX. 236 †
- Seeborn, H.: Address on N. Polar basin, II. 331 *; Birds of Siberia, XVIII. 108 †, 167 §; Sir G. Goldie's remarks on death of, VII. 211; obituary, VII. 103; remarks on "Journey across Tibet," I. 104; on "Kolgueff I.," V. 104 †; on "Luchu Is.," V. 544
- Seeburger See bei Göttingen: W. Halbfass, XIV. 110 †
- Seefried, Baron von: Geologie des Schutzgebietes Togo, XIII. 563 †
- Seeley, H. G.: remarks on "Formation of sand-dunes," IX. 304; on "Proposed description of British Is.," VII. 362
- Seelmann, E.: Deutschen in Artois, VIII. 410 †
- Seemann, K. H.; biography, XI. 323 †
- Segamat district, Johore, III. 294
- Segui, F.: Investigacion parlamentaria sobre agricultura, etc., Provincia de Buenos Aires, XVIII. 643 †
- Séguin, M.: Voyage d'exploration dans l'intérieur du Kuango, XIX. 89 §, 233 †
- Sehkuha, Persia, XIX. 145
- Seiches des lacs: A. Forel, X. 342 †, 544 §; XIX. 407 †; in Bay of Fundy, A. W. Duff, X. 234 †; in Lake of Gmunden, K. Schulz's observations,

SEIR

- XIII. 656; in Starnberger-See, H. Erbert on, XVIII. 84
- Seidel, A.: Bakwirivolk in Kamerun, XIX. 233 †; Dar-es-Salaam, XIII. 92 †; Geschichten und Lieder der Afrikaner, VII. 678 †; Grammatik der japanischen Umgangssprache, XIX. 396 †; Handbuch der arabischen Umgangssprache ägyptischen Dialekts, IV. 377 †; Kisukuma, V. 283 †; Lehrbuch der arabischen Umgangssprache syrischen Dialekts, V. 186 †
- , H.: Aus der Fetischstadt Issele, XII. 433 †; Ba-Ronga an der Delagoa-bai, XIII. 93 †; Ethnographische Beobachtungen . . . in Togo, X. 234 †; Lome, die Hauptstadt der Togokolonie, XI. 199 †; Natürlichen Kanäle auf den Salomo-Inseln, V. 285 †; Neue Forschungen . . . auf Madagaskar, XVII. 554 †; Nord-Togo oder der deutsche Sudan, XVII. 323 †; Photographien aus Deutsch-Ostafrika, XVI. 250 †; Salomo-Insel Malaita, I. 185 †; Spaltenbildungen und Landverlust auf Hiddensee, XIII. 555 †; System der Fetischverbote in Togo, XII. 434 †; Togo im Jahre 1897-98, XIV. 337 †
- Seidlitz, N. von: Die Abchasen, IV. 184 †
- L. S. Berge's Erforschung des Aralsees, XVIII. 229 †; S. Marls Reisen am Persischen Meerbusen, XII. 629 †; Paschtuchows Besteigung des Ararats, V. 180; Do. des Alagös, VIII. 412 †; Pastuchows Besuch . . . des Daghestan III. 249 †
- and G. L. Selenoy: Verbreitung der Armenier in der asiatischen Türkei, VII. 440 †
- Seillière, D.: Excursion à Ithaque, I. 467 †
- Sein, Ile de; passé, présent et avenir, XV. 546 †
- Seine, river—
- Bore in: M. Dormoy, I. 81 †
- Hydrométrie du bassin de la: G. Lemoine, I. 81 †
- Observations . . . par le service hydro-métrique du bassin de la Seine: M. Babinet, † I. 278; VIII. 306; X. 225; XII. 321; XIV. 452; XVII. 84; Do.: H. Maillet, XIX. 392 †
- sur les cours d'eau, etc.
- G. Lemoine et M. Babinet, † VIII. 306; X. 225; XII. 321; XIV. 452; XVII. 85; XIX. 352
- Seine, Meuse, and Moselle: W. M. Davis, VIII. 410 †; La Seine, la Meuse, la Moselle: Id., VI. 579 †
- Waterways of Seine basin; O'Neill's report, VI. 277
- Seine Inférieure, Le département de la: Fallex, V. 604 †
- Sein-ko, Tau: Archæological tour through Ramannadesa, III. 70 †; Kalyani inscriptions of Dhammacheti, IV. 376 †
- Seir, Wadi, V. 2

SEISMOLOGY

- Seismology: *see* Earthquakes
 Seistan: *see* Sistan
 Sej Keui, altitude, IX. 275
 Sekondi-Tarkwa railway map: Shelford and Son, XVIII. 348 †
 Selangor, Annual report: J. P. Rodger, XII. 97 †; XIV. 679 †; Do.: H. C. Belfield, XIX. 106 †; Government railway: G. H. Fox, XVI. 578 †
 Selati goldfield, output, II. 229
 ——— river and railway, Transvaal, II. 225
 Selby, P. H.: Journey to Kafue and Zumbo districts, XIX. 605 *; visit to Moir's lake, XV. 180
 ———, T. G.: As the Chinese see us, XVIII. 105 †
 Sele, river, Italy—Carta idrografica, IX. 470 †
 Selenga river in Trans-Baikalia: A. Bogoslavsky, XI. 196 †; Traces of stone age in: A. Mostitz, XII. 207 †
 Selenoy, G. L., und N. von Seidlitz: Verbreitung der Armenier in der asiatischen Türkei, VII. 440 †
 Seler, E.: Ansiedelungen von Chaculá, Guatemala, XX. 220 §; Auf alten Wegen in Mexiko und Guatemala, XVI. 701 †; XVII. 192 §; Biography, XI. 323 †; Grenzstreit zwischen Costarica und Columbia, XVII. 324 †; Ursprung der Mittelamerikanischen Kulturen, XX. 560 †; Wissenschaftliche Ergebnisse einer . . . Reise durch Mexico und Guatemala, XIX. 775 †
 Seli river, W. Africa, X. 241
 Seligmann: remarks on "Studies in anthropogeography of Br. New Guinea," XVI. 440
 Selin-dong Bayu, Telubin, IV. 224
 Seljuks of Persia, XIX. 172; conquest of Asia Mi., XX. 263
 Selkirk, colony, farm life in: R. G. MacBeth, XI. 96 †
 ——— Mts.—
 Climate of region, III. 143
 Climbing in: W. S. Green, V. 608 †
 Photographs: O. Q. Wheeler, XX. 477
 Sell, E.: Islam in China, XIII. 677 †
 Sella, A.: Magnetismo terrestre sul Monte Rosa, VII. 449 †
 Sella, mt., Transverse arch of, XVI. 463
 Sellala, Wadi, VIII. 350
 Sello, G.: Oldenburgische Kartographie, VIII. 306 †, 425 †
 Selnitzky, A. P.: Anadyr region, XII. 207 †
 Selous, F. C.: Beira railway; Map showing route, V. 510 †; Economic value of Rhodesia, X. 649 †; departure for Mashonaland, II. 263; History of Matabele war, III. 439 §; Hunter's life in S. Africa, II. 279 †; Map of Mashonaland and Manika, V. 46; Map showing routes of, note, I. 324; remarks on receiving medal, II. 79; on "Travels and

SENEGAL

- researches in Rhodesia," XII. 391;
 Sport and travel East and West, XVI. 707 †; Sunshine and storm in Rhodesia, IX. 240 †; X. 173 §; Travel and adventure in S.E. Africa, II. 474 †; Twenty years in Zambesia, I. 289 *; waggon-road made by, II. 508
 Selsey, Sussex, XV. 371
 ——— Bill, erosion of coast-line at, XV. 212
 Selungs of Siam, VI. 522
 Selwyn, A. R. C.: biography, XIII. 570 †; Origin and evolution of Archæan rocks, etc., XI. 206 †
 Selwyn, or Big lake, Canada, IV. 440
 Semal town, Oman, XVIII. 495
 Semalali, ruins at, II. 439
 Semao: *see* Ssemao
 Sombrong rivers, Johore, III. 289
 Semenoff, P.: Founder's medal awarded to, IX. 555; X. 107; jubilee speech to Russian Geographical Soc., VII. 310
 ———, S. S. M. J. de: Mouvement colonisateur de la race européenne, V. 403 †
 Semi-Azimuths, New method of navigation: E. W. Buller, II. 373 §
 Semler, F.: Zukunft des Deutschtums in Argentinien, IX. 682 †
 Semliki forest; Uganda Protectorate, Ruwenzori and: Sir H. Johnston, XIX. 1*
 Semon, R.: Im australischen Busch und an den Küsten des Korallenmeeres, X. 122 †, 217 §; In the Australian Bush, etc., XIII. 325 †; on Bio-geography, IX. 651; Reisen in Nord-Australien und Neu Guinea, IV. 285 †; Säugetier-Fauna Australiens, XI. 571 †
 Semple, E. C.: Anglo-Saxons of Kentucky mts., XVII. 588 *; Development of Hanse towns, etc., XIV. 454 †; Indians of S.E. Alaska, XII. 434; Influence of Appalachian barrier upon colonial history, IX. 578 †; Louisville; Study in economic geography, XVIII. 552 †; Mountain passes, XVIII. 316 §, 556 †; Photographs of Kentucky, XIX. 120; Some geographic causes determining location of cities, X. 654 †
 Senam El-Khab, IX. 625
 ——— Semana, IX. 621
 Sendip, Shugnan, XVI. 677
 Senegal—
 Country between Senegal and Cape Mesurado, III. 394
 Du Sénégal au Dahomey: Hourst, XI. 95 †
 Géologie du bas Sénégal, Note: S. Meunier, XII. 99 †
 Kati-Bamako region (map), XIX. 246 †
 Marseille à Ségou-Sikoro: R. Hacquard, VII. 214 †
 Mission au Senegal: Lasnet, Chevalier, Cligny et Rambaud, XVII. 322 †; XVIII. 304 §
 Ports of, VII. 314

SENEGAL

Senegal—continued.

- Railway from, to Niger, VIII. 500;
Chemin de fer, etc., IX. 340 †
Régime of; M. Lenfant on, XVII. 73
Sol du Sénégal: Cligny et Rambaud,
XVIII. 641 †
Trade Rep., XX. 528 †
Vie commerciale et politique au Sénégal:
P. Mille, XII. 99 †
Voyage au Sénégal: P. Rambaud,
XVIII. 109 †
Senfft: Besuch der Palau-Inseln, XX.
471 †; Insel Nauru, VIII. 421 †
Senga chasm, Italy, X. 425
Senjerli, Euphrates, VIII. 319
Sénoret: Memoria del Gobernador de
Magallanes, IX. 242 †
Sentinel mt., E. Africa, V. 55
Septans: Expéditions anglaises en
Afrique, X. 120 †
Septfonds, Chapeaux de Paille de: J.
Gebelin, VII. 107 †
Sept-Laux et de la Girotte, Lacs des; A.
Delebecque, I. 544 §, 563 †
Sephon, J.: What the Sagas say of
Greenland, XIII. 96 †
Ser, Wadi, Hadramut; ruins in, IV.
326
Sérane et ses mines d'or: F. F. Viala,
XX. 464 †
Serdasht, Persia, VI. 454
Serebrennikof, A.: Reconnaissance of
Shugnan, XVII. 674 †
Serengeti plains, E. Africa, V. 551
Serenje, C. Africa, XVII. 42
Sergeant, L.: Greece in the 19th Century,
X. 647 †
Sergi, G.: Africa; Antropologia della
Stirpe Camitica, X. 178 §; Mediter-
ranean races: Study of origin of Euro-
pean peoples, XVIII. 342 †; XIX.
365 §; Varieties of human species, VI.
200 †
Seriland: W. J. McGee and W. D.
Johnson, VIII. 312 †, 400
Sériphos, L'île de: H. Hautteœur, XVII.
545 †
Sernander, R.: Gottländska vegetationens,
VII. 328 †
— und K. Kjellmark: Torf-
mooruntersuchung aus dem nördlichen
Nerike, IX. 234 †
Serpa Pinto, A. A. de; obituary, XVII.
201
Serraia, Lago di; Seestudien: J. Damian,
XIV. 221 †
Serrania de Guadalupe, Bolivia, III. 109
Serrano, F.: discovery of the Moluccas
by, VII. 365
—: Expedition in S.E. Africa, IV.
362; to Palena, XVI. 26
Serre, P.: Deux routes d'Europe à San
Francisco, etc., XIV. 232 †
Serrt, Wadi, IX. 629
Serrurier, L.: Korwäre oder Ahnenbilder
Neu-Guinea's, XIII. 458 †

SETTLEMENTS

- Serruys, E.: Louisiane sous la domination
espagnole, II. 280 †
—, W.: Notice sur le Liban, XVII.
448 †
Servant, S.: Havai: Etude géographique
et historique, XII. 102 †
Servia (see also Albania)—
Census, XVIII. 209
General map of: Servian General Staff,
II. 285 †
Hirten . . . Süd- und Südostserbiens:
M. Smiljanić, XII. 428 †
Höjfeldet mellem Serbien og Bulgarien:
O. Broch, XVII. 543 †
Rumänen in Serbien: G. Weigand,
XVI. 245 †
Serbie contemporaine: J. Mallat, XX.
121 †
— et les relations franco-serbes: C.
Delarue, XVIII. 547 †
Servia, the poor man's paradise: H.
Vivian, XI. 193 †
Siedlungskunde Südserbiens: M. V.
Smiljanić, XVI. 573 †; XVII. 69 §
Topographische Aufnahme des König-
reiches: S. Truck, X. 453 †
Trade Rep., † XIV. 112; XVI. 245;
XVIII. 104
Serrvères, G.: Notes sur Helgoland, XII.
92 †
Servigny, J.: Chemins de fer en Chine,
XIV. 114 †; Hawai et les Etats-Unis,
X. 553 †; Indo-Chine, chemins de fer
projetés, XIII. 559 †; Mandehourie
grenier de l'Amour, XVII. 208 †;
Mission Marchand au point de vue
médical, XIX. 398 †; Navigation du
Yang-tsé, XIX. 652 †; Or à Madagas-
car, XIX. 657 †; Or dans le monde,
XIX. 534 †
Ses, Jebel, VII. 549; Gebel Ses . . . und
seine Ruinen, XIV. 336 †
Sesabene, Somaliland, VIII. 122
Sesheke, Zambezi, IX. 122
Sesse Is., Victoria Nyanza—Sesse-Inseln:
P. Brard, VI. 282 §, 487 †; (Original-
Karte), VI. 298 †
Seton, M.: Britain in Africa, XIV. 336 †;
Position of Cape Colony in S. African
affairs, XII. 433 †
Seton-Karr, H. W.: Discoveries of ancient
stone implements in Somaliland, X.
552 †; XIX. 755; of lost flint mines of
Egypt, X. 551 †; Expedition to emerald
mines of Sikait, XIV. 681 †; honour
for, XVII. 666; Letter on Egyptian
emerald mines, XVIII. 97; Photographs
in Omdurman, etc., XVIII. 120; posi-
tion of Mt. St. Elias, IV. 466; Grant
of Rothiemurchas, XIV. 689 †
Sette comuni, The: W. McCrackan, XI.
88 †
Settima plateau and mt., E. Africa, IV.
412, 421; XIV. 283
Settlements—Formen der . . . Siedel-
ungen: O. Schlüter, XVI. 259 †; Lage

SEUTTER

- der menschlichen Ansiedelungen: A. Hettner, VII. 118 †; Siedelungsgeographie: O. Schlüter, XIII. 678 †; Siedelungskolonien, etc.: E. Hahn, IX. 467 †
- Seutter, Matthäus, und seine Landkarten: C. Sandler, VI. 397 †
- Severn, river—
Cinematographing the Severn bore: V. Cornish, XIX. 52 *
Early navigation of, X. 524
Genesis of: S. S. Buckman, XIV. 88 §, 113 †
Roman sites on, X. 520
Sand-wave observations at Severn Shoals, XVIII. 184
Severn and Thames divide: Strahan and Buckman on, XX. 533
—— system, V. 144
Tidal wave in: H. C. Moore's observations, III. 232
- Severtsoff, N.: Exploration in Pamirs, VIII. 257
- Sevin-Desplaces, L.: Orthographie des noms africains, II. 186 †
- Seward, A. C.: Fossil plants as tests of climate, II. 92 †
- Seward glacier, Mt. St. Elias, XV. 537
- Sewell, R.: Forgotten Empire (Vijayanagar), XVI. 696 †; India before the English, X. 455 †, 549 †
- Sextant—Nivåsextant, konstruerad för Andréas polarballong: S. Jäderin, XII. 545 †; Short and easy method of finding centring error of sextant when at sea: E. D. Law, XVIII. 646 †
- Seychelles Is.—
Cartographical study of: A. A. Fauvel, II. 279 †
Cenni sulle Isole Séyelles, XIX. 524 †
Découverte des îles Seychelles: A. A. Fauvel, XVI. 247 †
Fauna, VII. 283
Gordon's Eden; or Seychelles Archipelago: M. Murat, XVIII. 230 †
Îles Seychelles en 1791: G. Saint-Yves, XVIII. 549 †
Journey to: C. Alluand, III. 532 †
Reports (Colonial), † XIII. 454: XV. 665; XVII. 447; XIX. 231; XX. 667
- Seychelle Is.: A. Merian, XIV. 225 †
- Seychellen: J. Zaffank, XVII. 212 †
——, auf Grund eigener Anschauung: A. Brauer, VIII. 372 *; (Engl. abstract), 416 †
- Seymour, Cape, Graham Land, IV. 333
- Is., tertiary fossils of, III. 11
- Shaahbet el Khel, Tripoli, VII. 156
- Shabeli: see Webi Shebeli
- Shabogama lake, Canada, VII. 315; X. 9
- Shabwa, Hadramut, IV. 316
- Shah Dag, Caucasus, II. 548; V. 378
- Shahpur, Persia, VII. 175; Gazetteer of District: J. Wilson, XI. 451 †

SHANSI

- Shahrstan, Persia, XIX. 146
- Shaid, Wadi, XVI. 539
- Shakespear, J.: Lushais and the land they live in, V. 281 †
- Shakh, Kurdistan, ruins at, III. 87
- Shakh-Dara, river of, XVI. 672, 678; territory and people, XVI. 669
- Shakundas, Raids of, in C. Africa, I. 112
- Shaler, N. S.: Beaches and tidal marshes of the Atlantic coast, XI. 201 †; Conditions . . . of expulsion of gases from the earth, IX. 686 †; Economic aspects of soil erosion, IX. 245 †; Geological history of harbours, V. 402 †; International Catalogue of scientific literature, XIV. 467 †; Origin and nature of soils, V. 399 †; Preliminary report on geology of roads of U.S., VIII. 654 †; Reservoirs of Cape Cod district, XIV. 340 †; Sea and land, VI. 101 †; Study of American Commonwealth, etc., V. 90 †; VI. 450 §
——, J. B. Woodworth and A. F. Foerste: Geology of Narragansett basin, XVI. 583 †
- Shalla, lake, Abyssinia, XX. 382
- Shallihuru glacier, Mustang, II. 296
- Shamanism and the Shamans: J. Stepanovsky, XI. 207 †
- Shambles shoal, XI. 642
- Shan States—
Along a Shan road: W. Sutherland, XI. 683 †
Country of the Shans: R. G. Woodthorpe, VII. 577 *; VIII. 309 †
Geological Reconnaissance in S. Shan States: C. S. Middlemiss, XVI. 577 †; Geology of N. do.: T. D. la Touche, XVI. 577 †
Journeys in Chinese Shan States: F. W. Carey, XV. 486 *
Photographs: F. W. Carey, XV. 680
Report of Intelligence Officer 1895–96: C. E. Macquoid, IX. 236 †; X. 325 §; Do.: G. C. Rigby, IX. 338 †
Shan and Siam: G. E. Gerini, XII. 208 †; XIII. 321 †
—— hills: R. G. Woodthorpe, VII. 441 †
—— names, Tables for transliteration into English, IV. 64 §, 282 †
Surveys, IV. 32; VI. 30
Trip to Chinese Shan States: F. W. Carey, XIV. 378 *
- Shand, A.: Moriori people of Chatham Is., VI. 98 †
- Shandur mts., N.W. India, XVII. 463
- Shang, Mongolia, III. 366
- Shangalla tribe, Abyssinia, XV. 115, 271; XVIII. 54
- Shanghai—Map of shooting districts between Shanghai and Wuhu; H. T. Wade and R. A. de Villard, IV. 191 †; Trade Rep., XIV. 679 †; with Soochow and Hangchow, XII. 539 †
- Shankali tribe: see Shangalla
- Shansi, China, XII. 608

SHANTAR

Shantar Is., Great, XI. 177

Shantung—

- Ankerplatz beim Iltis-Friedhof, XVII. 87 †
 Coal-fields, XII. 502
 Deutschland in Ostasien: D. Reimer, XII. 108 †
 Durch die Halbinsel Schantung: W. Anz, XVII. 446 †
 Geologische Bau von Schantung: Baron F. von Richthofen, XII. 95 †
 Maps—Karte der Provinz von: B. Hassenstein, XIII. 463 †; Wegeaufnahmen in do.: A. Gaedertz, XIII. 574 †
 Province du Chantoung: A. Fauvel, XII. 95 †
 Quelques mots sur la Province du Chantoung: A. Hagen, XX. 667 †
 Reisen in Schantung: A. Gaedertz, XIII. 453 †; Rekognoszierungsreise in der Provinz Schan-Tung: Id., XIV. 206 §, 457 †
 Schantung und Deutsch-China: E. von Hesse-Wartegg, XIV. 679 †
 ——— und Kiau-tschou: F. Hirth, XIII. 89 †
 ——— und seine Eingangspforte Kiautschou: Baron F. von Richthofen, XII. 430 †, 608 §
 ——— and Kiaichou bay; Baron von Richthofen and O. Anz on, XI. 434
 Sharakuto, III. 364
 Sharghin-tsagan-nor, lake, Tibet, XIX. 580
 Shari river, C. Africa, I. 166; XII. 80; XVII. 146, 149; steamer on, VIII. 517; swamps, VII. 271
 Expeditions—French, XII. 611; Gentils, IX. 562; XII. 523; Hanolet's, IX. 92; Huot and Bernard's, XVII. 305; Loeffler's, XX. 540; C. Maistre's, II. 323 *; Prins, XVI. 228
 Organization du Bas-Chari: A. Montell, XX. 356 †
 Reconnaissance et organisation du Bas-Chari: Robillot, XX. 246 †
 Région civile du Haut-Chari: G. Bruel, XX. 246 †
 Sources du Chari, XVI. 251 †
 Sharman, G., and E. T. Newton: Fossils collected at Seymour I. by Dr. Donald and Capt. Larsen, XVI. 586 †
 Sharp, A. F.: Borneo, XIX. 231 †
 ———, A. H., Exploration around Lake Kivu and Albert Nyanza, XIV. 662
 ———, B.: Rock inscriptions in Kauai, XIII. 326 †
 ———, W.: New Winter-Land, III. 160 †
 Sharp mt., C. Africa, XVI. 170
 Sharpe, (Sir) A.: on Boundary Commission between Nyasa and Tanganyika, XIII. 304; Cuthbert Peek grant awarded to, VIII. 88; exploration of Mt. Milanji, V. 169; in C. Africa, II. 21; to lake Mweru, XV. 645; Geography and

SHEA

- resources of Br. C. Africa, VII. 360 *; Journey from Shire river to lake Mweru, I. 524 *; letter on Luapula river, V. 391; Map of Nyasa and upper Shire, XII. 580; note on map of Shire Highlands, XIII. 59; on origin of name Bangweolo, II. 551; remarks on "Acclimatization of Europeans," XII. 605; on "Circumnavigation of lake Bangweolo," XII. 259; Reports on Br. C. Africa, VI. 475; X. 441; XVI. 475 §; XVII. 321 †; on shrinkage of lake Nyasa, XX. 338; Trade and colonization in Br. C. Africa, XVII. 675 †; XVII. 321 †
 Sharpe, R. B.: Collection of birds made . . . in N. Somaliland, XIX. 108 †; on distribution of animals, III. 101; remarks on "Journey through Abyssinia," XV. 119; on "Journey to Mt. Kenya," XV. 478; on "Journey up Baram river, Borneo," I. 207; on "Expedition between lake Rudolf and the Nile," XVI. 624; on "Expedition through Somaliland," VIII. 236; on "In the heart of Borneo," XVI. 61; on "N. Polar problem," IX. 519; on "Through Somaliland, etc.," XI. 395; on "Uganda Protectorate, etc.," XIX. 41; on "Voyage South of the *Discovery*," XIX. 451, Zoo-geographical areas of the world etc., II. 372
 Shashi country, Ger. E. Africa, XIV. 446
 Sha-shih, China, XII. 235; Trade Rep., XIV. 457 †
 Shaster, Mt., XII. 556; Modelling Mt. Shaster: R. S. Holway, XVII. 456 †; Mount Shaster, a typical volcano: J. Diller, XI. 201 †
 Shatin, N.: Khunchir root industry in Mongolia, XI. 195 †
 Shats, or salt lakes of Tunis, XI. 604
 Shattakh, Kurdistan, XVIII. 124
 Shattuck, G. B.: Pleistocene problem of N. Atlantic coastal plain, XVIII. 552 †
 Shaw, Miss F. L. (Lady Lugard): Australia, III. 535 †; Australian outlook, III. 349 †; Colonial expansion, V. 401 †; Klondike, XIV. 120 †
 ———, R. B.: History of Khojas of E. Turkistan, XI. 311 †
 ———, W. N., and R. W. Cohen: Seasonal variation of atmospheric temperature in British Is., XIX. 395 †
 Shawangunk Mt.: N. H. Darton, III. 427, 440 †
 Shawe, F. B.: On . . . Tibetan orthography and original pronunciation of language, IV. 470 †; W. Tibet, XIII. 90 †
 Shawia: see Chaouia
 Shazalan Is. and Hills, Lake Urmi, XIV. 515
 Shdanoff, Major-Gen.: obituary, I. 74
 Shea, C. E.: Telephotography, XVIII. 345 †

SHEA

- Shea, J. G.: History of New France by P. F. X. Charlevoix, ed. by, XX. 331 §, 358 †
- Shea butter tree, VIII. 212
- Shebeli river: *see* Webi Shebeli
- Sheffield, Plan: J. Bartholomew, III. 354 †
- Shehrizur plain, Kurdistan, III. 91
- Shehuen river, Patagonia, XIV. 262
- Sheik Husein, Somaliland, V. 126; VIII. 125; XX. 376
- Sheldon, F.: Sultan to Sultan, Adventures among the Masai, etc., I. 566 †
- , W.; introduction of tapestry-weaving by, IX. 211
- Shelford, F.: On W. African railways, XIX. 357 †
- and Son: Plan of railway from Sekondi to Tarkwa, XVIII. 348 †
- Shellal, Wadi, VIII. 338
- Shelong, Tibet, XV. 160
- Shemsdinan district, Kurdistan, XVIII. 140
- Shephelah, Syria, IV. 452
- Sherajji, Oman, XVIII. 479
- Sherborn, C. D.: Plan for preparing an "Index generum et specierum animalium," XI. 461 †
- Sherbro and its Hinterland: T. J. All-bridge, XIX. 108 †, 199 §
- Sheri river, Somaliland, I. 216
- Sheristeneck valley, VIII. 505
- Sheriff, W.: Railway communication with China, XVI. 696 †
- Sherson's I., Pacific, VI. 334
- Sherwood, G. W.: Nicaragua canal, VI. 393 †
- Sheta-gal, or White glacier, XV. 163
- Shetland Is.: E. J. Russell, XII. 627 †; Place-names and dialect of: D. Ross, V. 87 †; Shetlandsöernes Stednavne: J. Jakobsen, XX. 241 †; Thorough Guide: M. J. B. Baddeley, XVI. 364 †
- Shetlands, S.: *see* South Shetlands
- Shevelevuim, A.: Map of European Russia and Siberia, XVIII. 651 †
- Shibam, Hadramut, III. 204
- Shichi-to or Seven Is., Luchu, V. 292
- Shigar valley, II. 298
- Shileiko, Lient.: Exploration of N. Siberia and New Siberia Is., III. 410
- Shilka river, Siberia, navigation, III. 331
- Shillingford, F. A.: Changes in course of Kusi river, etc., VII. 212 †
- Shillinglaw, J. J.: Notes on chart of S. and E. coasts of Tasmania, XIV. 686 †
- Shimber Berris, Cave at, XI. 23, 25
- Shinano plain, archæological remains on, VII. 148
- Shinano-Hido, mts., Japan, VII. 148
- Shinasha tribe, Abyssinia, XVIII. 54
- Shinawari, Tirah, XII. 339
- Shingle-ridges of Dungeness, IX. 541; *see* Coasts
- Shini, Tunis, XI. 592
- Shinko river, C. Africa, VII. 203

SHORT

- Shin Ping Fu, Manchuria, XIV. 294
- Shipley, M. A.: Norse colonization in America, XIII. 687 †; Some more discoverers of their predecessors' discoveries, XIV. 338 †
- "Shipping World" Year-book: E. R. Jones, IX. 469 †
- Ships, New theory of stability: A. J. Cooper, X. 656 †
- Shipwrecks—Strandungen deutschen Seeschiffe: J. Herrmann, XIV. 347 †
- Shira mts., E. Africa, V. 595
- Shirahoneyu, hot springs, Japan, VII. 148
- Shiráz, Persia, XIX. 134
- Shire highlands, VII. 374; lower district, V. 194; II. 420; western, II. 410; routes and districts, II. 403
- Map: O. L. Beringer, X. 347 †
- Note on map of: A. Sharpe, XIII. 59
- Railway survey work in, etc.: G. Macrone, XII. 630 †
- Schirehochlandbahn und die Afrikanischen Seengebiete, XIX. 527 †
- Sharpe's journey, V. 169
- river, II. 407, 409; changes of level, VII. 368; steamers, VI. 475
- Map of upper river, and lake Nyasa: A. Sharpe, XII. 580
- Shire river: A. Merensky, IV. 282 †
- Shir-Kuh, Persia, VII. 30
- Shirley, J.: Australian vegetation and its geological development, XVIII. 236 †; International Catalogue of scientific Literature, Queensland, XV. 300 †; Reply to "Critical notes on" ditto, XVI. 375 †
- Shironga vocabulary: E. W. Smith-Delacour, I. 280 †
- Shirwa, Lake, I. 247; country round, X. 290
- Shishaldin as field for exploration: J. Stanley-Brown, XIV. 567 §, 583 †
- Shloh people of Morocco, IX. 639
- Shoals, Improbability of finding isolated: G. W. Littlehales, VII. 448 †
- Sho-chu-ma writing of Luchuans, V. 538
- Shoemaker, M. M.: Islands of Southern seas, Hawaii, etc., XI. 686 †
- Shokalsky: *see* Schokalsky
- Shonach, cave of, Somaliland, XI. 44, 45
- Shonde, Somaliland, I. 216
- Shorab valley, IV. 489
- Shorawak plain, IX. 405
- Shore, Hon. H. N.: Visit to lines of Torres Vedras, IX. 233 †
- Shore-line topography: F. P. Gulliver, XIV. 344 †; Constructional and adolescent shore-lines, V. 132, 134, 142; *see* Coasts
- Shorfa—Tifinar' de la Gara des Chorfa: M. Rimbaud, XIX. 233 †
- Kul, or Lamp rock, VIII. 106
- Short stalks: E. N. Buxton, XII. 106 †

SHORTLAND

- Shortland Is., Solomon group; Hahl's visits to, XII. 81
 Shotts: *see* Shats
 Shropshire and Cheshire, Handbook for residents, etc.: J. Murray, X. 454 †
 Shrubbsall, F.: A-Bantu skulls and crania, XIII. 455 †; Ashanti skulls and crania, 560 †
 Shua tribe, Fr. W. Africa, XVII. 146
 Shuang Cheag Pu, Manchuria, II. 449
 Shüek, A.: Magnetische Beobachtungen an der Kieler Förde, X. 647 †
 Shugatza or Shuga Gol, XII. 271
 Shugnan, Reconnaissance in: A. Serebrennikov, XVI. 666 †; XVII. 674 †
 Shuli tribe, upper Nile, IX. 371; XX. 616
 Shum, W. A., and L. H. Ussher: Tasmania at the beginning of the century, XX. 249 †
 Shunsherab river, Kashgar mts., VII. 196
 Shuster, Persia, X. 593
 Shwam river, C. Africa, IX. 185
 Shwe-li and Tai-ping, letter from H. H. Duff on, XX. 462
 Sia and Tusayan Snake Ceremonials: J. W. Fewkes, VII. 118 †
 Siah Posh people, Kafiristan, IV. 201
Siam—
 American trade with, XV. 437 †
 Archaeological researches in: L. Fournereau, II. 168
 Avenir du Siam, XIV. 680 †
 Cambridge exploring expedition to: W. W. Skeat, XVII. 674 †; Second do.: Id., XX. 244 †
 Danske videnskabelige Siam-Expedition: T. T. Mortensen, XIX. 397 †
 English lady in Siam: Mrs. Unsworth, VIII. 92 †
 Five years in: H. W. Smyth, XII. 208 †
 France in Siam and Laos: G. Demanche, II. 278 †
 Frontier agreement between France and, XX. 653; Boundary treaties, Siam and Indo-China, VII. 297 †
 Geographical division, VIII. 430
 Handel von Siam: H. Gente, XVII. 674 †
 History of French Missions to, XIX. 770 †
 Journey round: J. S. Black, VIII. 429 †
 Journeys in Siamese E. coast states: H. W. Smyth, XI. 465 †
 Kingdom of the Yellow Robe: E. Young, XII. 208 †
 Maps, etc.—Cartes relatives au Royaume de Siam: G. Marcel, VI. 582 †; Early maps; Id., VIII. 174; Royal Survey Department, report, XX. 244 †; Siam and her neighbours: R. L. Morant, VI. 104 †; Siamese Question: W. and A. K. Johnston, II. 285 †
 Notes on journey to S.W. Provinces:

SICILY

- Siam**—*continued*.
 H. W. Smyth, VI. 401 *, 522 *, VII. 331 †
 Shan and Siam: G. E. Gerini, XII. 208 †
 Siam: E. H. Parker, XI. 91 †
 —; geographical summary: Mrs. Grindrod, VII. 213 †
 — ancien, archéologie, etc.: L. Fournereau, VII. 112 †
 — and its neighbours: Hon. J. Barrett, XIV. 582 †; XV. 81 †
 — in the twentieth century: J. G. D. Campbell, XX. 124 †
 Siamese Malay States, IV. 219
 Siam's intercourse with China: G. E. Gerini, XVII. 448 †
 Surveying and exploring in: J. McCarthy, VI. 578 †
 Unexplored areas, II. 492
 Siamrap province, Siam, II. 208; VIII. 432; history, VIII. 436
 Siang-Kiang, China, XII. 505, 509; XIX. 712, 717
 Siangtan, Hunan, XIII. 67; XIX. 724
 Siang-yin, XIX. 721
 Siao-ho, China, X. 31, 38
 Siau—Geographische en ethnographische . . . eiland Siao: B. van Dinter, XV. 192 †
 Sibal, Oman, VII. 529
 Siberia: *see* Russia in Asia
 Siberian Sea—Hydrological expedition, X. 219; XV. 72; State of; Nansen expedition: J. Wiggins, III. 121 †
 Sibiriakow, A.: Wasserstrassen-Verbindungen in Sibirien, nach den Projekten von A. Ssibiriakoff (map), VI. 590 †; Weg von Jakutsk zum Ochotskischen Meer, XX. 354 †
 Sibiriakov I., Arctic, XII. 173
Siboga; cruise and deep-sea exploration, Indian Archipelago, XVI. 697 †; Expedition, XVII. 447 †; Expedition, XIII. 57 †; XV. 287; XVI. 549 †; *Siboga*-Expedition . . . und einige ihrer Resultate: M. Weber, XVII. 447 †; Work of Siboga expedition, XVI. 130 †
 Sibree, J.: Industrial progress in Madagascar, XIII. 563 †
 —, and R. Baron: Antananarivo Annual, VII. 443 †
 Sibthorpe, A. B.: Geography of Sierra Leone, I. 567 †
 Sicasia, ruined village near, XIV. 23
Sicily—
 Conche lacustri . . . nei gessi in Sicilia: O. Marinelli, XVI. 362 †
 Determinazioni della gravità . . . Sicilia, Note: A. Riccò, XII. 427 †
 — magnetische in Sicilia: L. Palazzo, XI. 450 †; Carte magnétique: Id., XIV. 454 †
 Fenomeni analoghi a quelli carsici nei gessi: O. Marinelli, XVIII. 227 †
 Identificazione dei fiume che scorrono

SICILY

Sicily—continued.

- presso Girgenti, etc.: G. Oliveri, XIV. 454 †
- Modificazioni recenti della linea di costa: F. Sinatra, XVIII. 227 †
- Nomi locali nelle carte topografiche, etc., correzione dei: G. Ricchieri, XIV. 454 †
- Phœnician, Greek, and Roman: E. A. Freeman, I. 83 †
- Popolazione della Sicilia: O. Marinelli, X. 452 †; Distribution of pop.: T. Fischer on, II. 457
- Schlammsvulkan: W. Deecke, IX. 336 †
- Sicilie: G. Vuillier, VII. 328 †
- Spostamento della foce del Simeto: O. Marinelli, XIV. 331 †
- Termini geografici dialettali: O. Marinelli, XV. 434 †
- Trade Rep., † XII. 427; XV. 434; XVII. 444; XX. 552
- Une heure en Sicile: A. Boutroue, V. 505 †
- Utazásom Sicilia és Malta szigetén: I. Erödi, VIII. 188 †
- Sicker, G.: Karte von Ost-Preussen, XX. 133 †
- Sidama country, E. Africa, XII. 78
- Sidobre, Le: R. Nauzières, XV. 546 †; Do.: P. G. de Rouville, XVII. 671 †
- Siebenbürgisch-ungarischen Grenzgebirge: M. Braess, IX. 336 †; Wanderungen im Siebenbürgischen Erzgebirge und im Bihar-Kodru-Gebirge: K. Siegmeth, XVI. 571 †
- Siebold, P. F. von: Archiv zur Beschreibung von Japan, IX. 460 †; Biography: W. Wolkenhauer, IX. 115 †
- Siedek, B. R.: New formula for rate of currents in rivers, XVIII. 540; Normal profile of streams, XX. 346
- Siedlungsgeographie, Bemerkungen zur: O. Schlüter, XIII. 687 †
- Siedlungskolonien, etc.: E. Hahn, IX. 467 †
- Sieger, R.: Allgemeinen Transskription geographischer Namen, XIV. 691 †; Fortschritte der Seenforschung, V. 397 †; Gegenwärtige Sinken der Afrikanischen Seen, I. 84 †; Geographischer Jahresbericht über Oesterreich, XI. 190 †; Geographische und statistische Methode in wirtschafts-geographischen Unterricht, XVIII. 243 †; geological excursion to lake Constance, II. 364; Hydrographische Studie Swedenborg's, V. 397 †; Kanäle . . . in Oesterreich-Ungarn, XIX. 391 †; Karstformen der Gletscher, VI. 382 †; VII. 220 †; on changes of level of African lakes, I. 358; Do., in Armenian lakes, III. 332; on contraction theory of Earth movements, II. 174; on upheaval of Scandinavia, II. 262; Plattenseeforschungen, VI. 193 †; Seeschüssen, Wasserschlüsse, etc., X. 232 †; Seenschwankungen und

SIERRA MADRE

- Strandverschiebungen in Skandinavien, † II. 184; III. 436; IV. 381; Wilhelm Tomaschek, XIX. 782 †; Zur Thalgeschichte des obersten Donaugebietes, XVIII. 102 †
- Sieglin, W.: Entdeckungsgeschichte von England im Alterthum, XIX. 395 †; Handatlas zur Geschichte des Alterthums, † II. 384; III. 540; VI. 298, 591
- Siegmeth, C.: Source intermittente de Kalugyer, XVII. 83 †; Topographische Skizzen aus dem Gebiet der Waag, XI. 192 †; Wanderungen im Siebenbürgischen Erzgebirge, etc., XVI. 571 †
- Siemens, A.: Cable laying on Amazon river, X. 122 †, 542 †
- Siemiradzki, J. von: Explorations in Patagonia, II. 158 †; Opis stanu Parana w Brazylii, VIII. 313 †; Original-Karte des Limay-Gebietes in Nordwest-Patagonien, I. 383 †
- Siena: Mrs. Oliphant, XII. 427 †
- Sieroszewski, V. L.: Yakuts, X. 437 †
- Sierra de Cordova, S. America, XII. 390
- de la Tinta, Notes géologiques sobre: E. Aguirre, X. 651 †
- de Tandil, XII. 390
- Sierra Leone**—
- Admiralty surveys in, XIV. 84
- Boundary, 1895, V. 383
- Distribution of Mosquito Larvæ . . . in: F. Smith, XX. 669 †
- Early settlements, Portuguese, IX. 559
- Elementary Handbook, etc., of: J. C. E. Parkes, V. 282 †
- French and: F. A. Edwards, XIII. 322 †
- Frontier; Expedition to Source of Niger: J. K. Trotter, X. 237 †, 386 †
- Geography of: A. B. Sibthorpe, I. 567 †
- History of, for use of schools: J. J. Crooks, XVII. 677 †
- Insurrection in, Report on, XV. 83 †
- Natives, X. 387
- Origin of name of, E. Reclus on, IX. 558
- Palm-oil trade, IV. 125
- Photographs: T. J. Alldridge, XVII. 571; W. S. Johnston, XIV. 240; C. L. Weller, XVI. 712; J. Yankah, XIII. 336
- Protectorate expedition, XIV. 583 †
- Railways, VIII. 501; Chemin de fer de Sierra Leone, XI. 684 †; XIX. 658 †
- Reports (Colonial), † XII. 633; XV. 439; XVII. 450; XVIII. 330; Do. (Botany and Geology), II. 460
- Seven years in: A. T. Pierson, XI. 93 †
- Sherbro and its Hinterland: T. J. Alldridge, XIX. 108 †, 199 †
- Sierra Leone troubles: H. R. F. Bourne, XII. 433 †
- Towns and villages, IV. 127
- Wanderings in Hinterland of: T. J. Alldridge, IV. 123 †
- Madre of Mexico, Western: O. H.

SIERRA NEVADA

- Howarth, VI. 422 *; XII. 614; Do., del Sur, voyage à la : M. E. Ordoñez, XVII. 452 †
- Sierra Nevada (California), I. 537
- Age of auriferous gravels of: W. Lindgren, IX. 342 †
- Crónica de una excursión a la : D. Marin, IX. 458 †
- From Fresno to Mt. Whitney: H. Longley, VIII. 419 †
- Geology of: H. W. Turner, XII. 214 †; Pleistocene Geology of S. Centr.: Id., XVIII. 94 §, 234 †
- Lava-flows on W. slope of: F. L. Ransome, XII. 213 †
- Maps of, compiled for Sierra Club, II. 191 †; VIII. 199 †
- Neglected region of: L. Hutchinson, XIV. 120 †
- Nevada (Spain)—Beiträge zur Kenntnis der Spanischen: J. Rein, XV. 548 †
- Roca, Patagonia, II. 161
- Sievers, G. J.; biography, XII. 441 †
- , W.: Afrika, Eine allgemeine Landeskunde, VI. 487 †; Amerika, VII. 215 †; Asien, VI. 485 †; Australien und Ozeanien, VII. 335 †; Explorations in Venezuela, I. 273; Hermann Wagner, XVI. 259 †; Geographische Erforschung Südamerikas im 19. Jahrhundert, XVI. 372 †, 478 §; Grafen J. de Brettes Reisen im nördlichen Columbia, XII. 436 †; Grenzen Venezuelas, VII. 335 †; Grenzstreit zwischen Brasilien und Frankreich über Guayana, XX. 248 †; Inseln von der Nordküste von Venezuela, XII. 217 †; Karten zur physikalischen Geographie von Venezuela, VIII. 200 †, 420 †, 540 †, 638 §; IX. 343 †; Künftige Districts Federal Brasiliens, IX. 108 †; Nord-Südamerikanische Langsbahn, XVII. 77 §, 453 †; on geographical trips, IX. 650; Original-Karte der Caños im Oriente von Venezuela, XII. 443 †; On Peruvian territory in Amazon basin, IX. 447; R. Ludwigs Reisen auf Santo Domingo, XIII. 538 §, 683 †; Do. in Coro, XIV. 121 †; River navigation in Venezuela, VIII. 298; Schlammvulcan Hervidero in den Llanos von Maturin, XII. 544 †; Ueber grössere geographische Unterrichtsreisen, XI. 575 †; Zur Kenntniss Puerto Rico's, VI. 97 †; Zweite Reise in Venezuela, VII. 446 †; VIII. 297 §, 639
- und F. Hahn: Afrika, Zweite Auflage, XIX. 771 †
- Sighdit mines, Egypt, I. 426
- Sigi river, sulphur springs of, XII. 189
- Sigirya, Report of Archaeological Survey: H. C. P. Bell, VII. 562 †; XII. 429 †
- Signals, International code of, 475 †
- Sigsbee, C. D.; biography: H. Gannett, XII. 331 †
- Sijenica, Novi Bazar, IV. 399

SILK

- Sijilmasiyah, letter from H. G. Raverty on, VI. 189; (erratum), VI. 284; ruins, V. 334
- Sikait, Wadi and Jebel, XVI. 541, 548
- Sikes, E. W.: Transition of N. Carolina from Colony to Commonwealth, XIII. 216 †
- Sikh War, First: H. M. Sinclair, XIV. 114 †; see Mogul
- Sikhota-alin, description of: Ivanoff and Batsevic, XIX. 215
- Si-Kiang, Brenier on, XI. 179; Der Westfluss und seine wirtschaftliche Bedeutung: H. Schumacher, XIII. 453 †
- Sikkim—
- A travers le Sikkim: de Gryse, V. 180 †
- Birds of: L. A. Waddell, II. 473 †
- Botanical Exploration on Sikkim-Tibet Frontier: G. A. Gammie, III. 252 †, 331 §, 347 †
- Demarcation of frontier, VI. 279
- Gates of Tibet, etc.: J. A. H. Louis, IV. 470 †
- Gazetteer of, VI. 194 †
- Himalayan valleys and glaciers, XIX. 454
- State of: Hon. A. W. Paul, VIII. 650 †
- Lepcha land: F. Donaldson, XVI. 697 †
- Photographs of mountain scenery: T. Hoffmann, I. 288
- Reise im unabhängigen Sikkim: P. L. Bodsohn, XIX. 396 †
- Routes in: W. F. O'Connor, XVIII. 161 §, 637 †
- Sikkim: C. Jambon, VIII. 650 †
- and Nepaul, Photographs: Johnston and Hoffmann, IV. 384
- and Tibet, Photographs, X. 236
- Sikora, F.: Sept ans à Madagascar, XI. 199 †, 314 †
- , I. I.: Expedition to Sources of Muonio river, etc., XI. 682 †
- Silakank pass, Himalayas, I. 66
- Silat river, Borneo, XVI. 42
- Silchester, Excavations on site of Roman city at: W. H. St. John Hope, XII. 627 †; XVIII. 228 †
- Silesia: J. Partsch, VII. 417 §
- Geologische Exkursion . . . nach Oberschlesien: F. Frech, XIX. 394 †
- Mittelschlesische Erdbeden, etc.: R. Leonhard und W. Voltz, VII. 676 †
- Regenkarte Schlesiens, etc.: J. Partsch, VI. 579 †
- der Provinz Schlesien: G. Hellman, XIII. 555 †
- Tschechen und Mährer in Schlesien: F. Tetzner, XVII. 444 †
- Silfrastathir, III. 263
- Silica, Native; treatise upon a series of quartz, etc.: B. Wright, V. 405 †
- Silk—
- Production de la soie dans le monde: V. Groffier, XVI. 131 †, 357 §

SILK

Silk—*continued*.

Sericulture and silk-reeling from cocoons, XIV. 234 †

Sill valley, V. 71

Silligum lake, Bakhtiari country, IV. 491

Sillye and Siffer; expedition in E. Congo basin, XVIII. 622

Silnitzky, A.: La province d'Anadyr, XIV. 116 †

Silva, J. M. P. da: Christovam Colombo e o descobrimento da America, II. 93 †

Silvela, F.: Limites entre la Colombie et le Costa Rica, XV. 669 †

Silver, J. A.: Provisional government of Maryland, VI. 489 †

—, S. W.: remarks on Annual Address, VIII. 89

Silver map of Drake's voyage, M. Christy on, XVI. 113

— question: G. Jamieson and others, VI. 200 †

Silvercrux, E.: New York, ses faubourgs et ses habitants, VIII. 553 †

Simav, Mysia, IX. 261; altitude, IX. 275

Simbang, der Missionstation, XII. 109 †

Simeto, Spostamento della foce del: O. Marinelli, XIV. 331 †

Simian, M. et M. Huguet: Question transsaharienne, XIX. 233 †

Simitia, X. 254; altitude, X. 394

Simler, J.: G. M. von Knorau, X. 555 †

Simmenthals, Die Krankheit im Volksglauben des: H. Zahler, XIV. 578 †

Simodal valley, Norway, IV. 525

Simon, A.: Die Verkehrsstrassen in Sachsen, etc., I. 180 †

—, G.: Ascent of Mekong, VII. 583, 586; IX. 88; Utilisation économique du Mekong, XII. 324 †

—, H.: Occasional letter, Special Nansen number, X. 232 †

—, S.: Alpine Gipfel-Charaktere, III. 434 †; Alpine Plaudereien eines Kartographen, III. 256 †

Simond, C.: Les Français en Afrique au XIX^e siècle, XIX. 398 †

Simone, D. R. de: Attraverso alta Colombia Inglese, XIII. 456 †; winter journey in Rocky Mts., XIII. 305

Simons, F.: Carta del Departamento de Bolivar y del Magdalena, VII. 228 †

Simonsfeld: Beiträge zur Landeskunde Bayerns, VI. 193 †

Simony, F.: Begleitwort . . . des Werkes Das Dachsteingebiet, III. 434 †; biography: A. Penck, XIII. 462 †; Do.; K. Peucker, IX. 584 †; Exploration of lakes of Salzkaumergut, I. 353; Festival in honour of, at Vienna, III. 64; List of works of: A. E. Forster, IV. 90 †; Obituary, VIII. 644 †; Zur Biographie Friedrich Simony's: A. Böhm, XIV. 347 †

Simplon—

Gletschersturz von Simpelu am 19 März 1901: E. Richter, XIX. 104 †

SINGER

Simplon—*continued*.

Tunnel du: J. Corcelle, XII. 202 †; Do., Venues d'eau reconstruites dans, XX. 553 †

Simpson, C. J.: Distribution of molluscs of W. Indian region, VIII. 421 †

—, Sir G.: on glaciers of Alaska, XIV. 531, 532

—, H. C.: Military map of Natal, XVIII. 558 †; With the International Field force in Crete, XV. 661 †

—, J. Y.: Great Siberian iron road, IX. 238 †; Prisons of Siberia, IX. 681 †; Side-lights on Siberia, XII. 97 †; Silver mines of Nertchinsk, XI. 92 †; Travel pictures in Caucasus, XIII. 214 †

—, W.: Buddhist praying-wheel, IX. 348 †; obituary, XIV. 573

—, W. A.: Influence of geographical conditions on military operations in S. Africa, XVI. 370 †

Simroth, H.: Nachtschnecken der portugiesisch-azorischen Fauna, etc., III. 257 †

Sinai—

Côte ouest du: R. Fourtau, XII. 631 †

Rift valleys of Eastern: W. F. Hume, XVIII. 211 §, 328 †; XX. 467 †

Voyage au Mont Sinai: A. Keller, XVI. 578 †

Where is Mt. Sinai? E. Hull, XIV. 458 †

Where was Mt. Sinai? A. H. Sayer, II. 168, 185 †

Sinaloa, un des Etats-Unis du Mexique: M. Schoenfeld, XIV. 229 †

Sinclair, H. M.: First Sikh war, XIV. 114 †

—, Sir John: W. Sinclair, VII. 684 †

Sind, Mihan of: H. G. Raverty, XI. 432; Sindh-Makran route, VIII. 409; Topographical survey, XII. 607

Sinekler, altitude, IX. 275; temple site near, IX. 273

Singalelah mts., Sikkim, III. 331

Singan, present capital of Chinese Empire: J. M. Hubbard, XVII. 548 †; New capital of China and routes to it: V. A. Obrucheff, XVIII. 229 †

Singapore—cable interruptions near, X. 276; Map of, and its dependencies: J. Van Cuylenburg, XIX. 786 †; Strömungen zwischen Singapore und Taku: G. Schott, XVI. 576 †

Singer, H.: Dreiländerecke am Tschadsee, XX. 245 †; Karolinen, XIV. 585 †; Kongo-Quellgebiet, XIII. 72 §, 560 †; Neuere Forschungen in Gebiete des Kivusees, XVII. 676 †; Polarforschung 1900, XVII. 562 †; Do. 1901, XIX. 532 †; Rakas-Tal und Manasarowar, XVI. 576 †; Stand der Abgrenzung unserer afrikanischen Schutzgebiete, XIX. 528 †;

SINGGORA

- Wo liegt Dikoa? XX. 669 †; Zur Kartographie von Kamerun, XX. 468 †; Zur Kenntnis des Kongoquellengebietes, XVII. 211 †
- Singgora, Malay Pen., IV. 222
- Sing-lapcha, Tibet, XV. 400
- Singora, Siam, XI. 477
- Singpho tribe, III. 223, 227
- Sinigaglia, L.: Climbing reminiscences of the Dolomites, IX. 103 †
- Si-ning-fu, C. Asia, XI. 408; XII. 277
- Siniolchum peak, Himalayas, XIX. 466
- Sinjan Chai, IX. 267
- Sin-kai, Chinese name for Bhamo, XIX. 273
- Sinling railway, XII. 513
- Siinna, Persia, VI. 457
- Sio river, Kavirondo, XII. 362
- Sioux—Ghost-dance religion and the Sioux outbreak: J. Mooney, XI. 98 †; Siouan tribes of the East: Id., VII. 216 †
- Sipan Dag, Kurdistan, III. 83
- Sip Song Panna, Shan States, XIV. 378
- Siraf, ruins and history, VI. 166
- Siragusa, G. B.: Dei limiti . . . della Geografia, X. 345 †
- Sir Edward Pellew Group, Gulf of Carpentaria; Natives, II. 318
- Sirha pass, Beluchistan, X. 586
- Sirján, Persia, XIX. 165
- Sirtin valley, VIII. 167
- Sistan, ancient town, VII. 397; Nushki-Sistan trade route: Earl of Ronaldshay, XX. 70 *; Do.: E. Penton, XX. 80 *; plain of, XIX. 141, 172; P. M. Sykes' journey in, XIII. 657; ruins in, IX. 413
- Sitta, P.: Colonizzazione dell' Africa tropicale, VII. 333 †
- Sitra, lake, X. 608
- "Situs Hierusalem" mediæval map, XVI. 326
- Sivri Dag, IX. 41
- Siwa—
- Bericht über meine Reise nach Siwah: Lieut. Freiherrn von Grunau, XV. 297 †, 62 §
- From Sphinx to Oracle: A. S. White, XII. 631 †; XIII. 414 §
- Journey from Farafra to, in 1898: W. Jennings-Bramly, XIX. 73 *
- to, 1896: W. Jennings-Bramly, X. 598 *
- Report on Oasis of: T. B. Hohler, XIX. 232 †
- Steindorff's explorations in, XVII. 190
- White's journey to, XI. 667
- Sivalik deposits, VIII. 388
- Sivas, Trade Rep., XVI. 248 †
- Six, G.: L'Eifel, région montagnueuse de la rive gauche du Rhin, XIX. 393 †; Voies romaines de la région du Nord, XVIII. 225 †
- Siyin Chins: F. M. Rundall, III. 160 †
- Sjögren, H.: Erzlagerstätten von Moravia und Dognacska, etc., VI. 201 †;

SLATIN PASHA

- Ueber das diluviale Aralokaspiatische Meer, VI. 97 †
- Sjögren, Mt., King Charles Land, XIV. 162
- Sjöstedt, Y.: Säugethiere des nordwestlichen Kamerungebietes, X. 121 †
- Sjuöarne, En färd till: G. Meisenbach, XII. 438 †
- Skagerak—
- Pettersson's physical observations in, II. 363
- Skageracks Tillstånd under den nuvarande Sillfiskeperioden: P. T. Cleve, etc., XI. 308 †
- Ytvattnets tillstånd i Nordsjön och Skagerack: O. Pettersson och G. Ekman, IX. 245 †
- and Kattegat, Hydrography: O. Pettersson and G. Ekman, III. 164 †
- Skagi, pen., Iceland, XIX. 613
- Skaptarjökull, Iceland, II. 157; IV. 454; Skaptár Jökull: T. Anderson, IX. 233 †
- Skarcies river, Sierra Leone, II. 461
- Skattum, C. J.: Nilens kilder af skolebestyrer, XIII. 322 †
- Skaukowskig: examinations of ruins of Old Merv, IV. 360
- Skeat, W. W.: Expedition in Malay Pen., XVI. 345; Malay magic, XV. 436 †; Names of places visited in Malay Pen., XX. 243 †; Report on Cambridge exploring expedition, XVII. 674 †; Second report, XX. 244; Wild tribes of Malay Pen., XX. 556 †
- Skeel, C. A. J.: Travel in first century after Christ, XIX. 239 †
- Skerries shoal, XI. 641
- Skertchly, B. J.: On Geology of country round Stanthorpe, etc., XIV. 122 †
- , E. F.: Cagayan Sulu, its Customs, etc., X. 339 †, 537 §
- , S.: Tin mines of Watsonville, etc., XI. 320 †
- and Kingmill; studies on loess in China, VI. 575
- Skjaldbreith, Iceland, III. 267
- Skaro pass, Mustagh mts., II. 298
- Skottsberg, C.: Distribution of vegetation, in S. Georgia, XX. 498 *
- Skrine, F. H.: Bengal, land and people, XX. 123 †; From London to Karachi in a week, XIV. 680 †
- , and E. D. Ross: The heart of Asia, XIV. 336 †, 560 §
- Skuphos, T. G.: Die zwei grossen Erdbeben in Lokris, V. 395 †
- Skutari: see Scutari
- Skwortzow, J.: Soleil, terre et électricité, XII. 105 †
- Skye, Isle of, Subaërial erosion in: A. Harker, XV. 190 †
- Slack, C.: Battle of New Orleans, XV. 299 †
- Slatin Pasha: biography, VI. 397 †; Conférence faite à la Société Khédiviale de Géographie, VII. 214 †; escape from

SLAVE

- captivity, V. 597; Fire and sword in Sudan, VII. 442†; VIII. 175§; Slatin Pascia nel Sudan Orientale, XIV. 459†
- Slave Coast, Yoruba-speaking peoples of: A. B. Ellis, III. 439†
- Slave trade in Africa, VIII. 491; in C. Africa, V. 195, 198; VII. 381, 409, 412; in Hausaland, VIII. 208; in C. Sudan, X. 372
- Sixty years against slavery, XVI. 261†
- Sklaverei als ein Wirtschaftssystem: A. Vierkandt, XIX. 782†
- Slavs—
- Entwicklung des Slavischen Speichers: K. Rhamm, XVI. 573†
- Progressi dello Slavismo: F. Masoni, XVIII. 227†
- Slavonic Geographical Review, VI. 481
- Verbreitung . . . and Ursprung der Slavischen Völkerstämme: Dr. Buschan, XIX. 523†
- Sleeman, Sir W. H.: Rambles . . . of an Indian Official, III. 437†
- Slevin, T. E.: G. Davidson, VI. 397†
- Slichter, C. S.: Motion of ground water, XVI. 374; Pressure within the earth, XI. 573†
- Slieve-na-Cailliagh district, On some caves in: E. C. Rotherham, IV. 185†
- Slingsby, W. C.: Mountaineering in Arctic Norway, XIV. 223†
- Sliuinin, H. V.: Okhotsko-Kametchatsky Kraij, XVII. 551†; XVIII. 524§
- Sloan, A. D.: With caravan and camera into interior of Tunisia, XVIII. 111†
- Sloneŭ, lake (Russia), Remains of stone-age inhabitants: V. S. Peredolsky, III. 158†
- Sluys, geography and history of, II. 522
- Småland (Sweden), Kontaktverhältnisse zwischen . . . Porphyren und Graniten im: O. Nordenskjöld, XVIII. 634†
- Small, H. B.: Inland waterways of Br. Columbia, XV. 441†; Lake Superior and Canadian "Soo" canal, IX. 463†; To utilize Sable I., XIV. 583†; Waterways to Klondyke, X. 650†
- Smart, H.: In Hebridean waters, XVIII. 228†
- , W.: Report on agricultural depression, XIII. 212†
- Smeeth, W. F., J. A. Schofield, and T. W. E. David: Antaretic rocks collected by C. E. Borchgrevink, IX. 110†
- Smiljanic, M. V.: Beiträge zur Siedelungskunde Südserviens, XVI. 573†; XVII. 69§; Hirten und Hirtennomaden Süd- und Südostserbiens, XII. 428†
- Smishlyaer, D.: Perm region, III. 158†
- Smissen, H. van der: on Mennonite colonies in S. Russia, XII. 409
- Smith, A.: Madagascar, Sequel of the War, IX. 239†
- , A. Donaldson: Expeditions—between lake Rudolf and the Nile, XVI. 600*; XVII. 450†, 554†; durch

SMITH

- das Somäl- und Galla-Land, IX. 462†; to Somaliland, III. 424; IV. 528; V. 124, 484; VI. 498, 568; XV. 645; XVI. 102; through Somaliland to lake Rudolf, VIII. 120*, 221*: Journey through Khingan mts., XI. 498*; Medal awarded to, XVII. 198; (remarks on receiving), XVIII. 98; Photographs of Manchuria, XII. 224; Through unknown African countries, IX. 577†; X. 172§
- Smith, A. H.: China in convulsion, XIX. 652†
- , B.: Where a day is lost or gained, XV. 87†
- , B. L.: Note on warm undercurrent in Arctic ocean, X. 554†
- , C. M.: Observations of fixed stars at Observatory, Madras, II. 185†; Do. with Madras meridian circle, XVI. 365†
- , Consul C. S.: Anglo-German boundary in E. Equatorial Africa, IV. 424*; Kilimanjaro botanical collection, V. 79; on Lake Chala, V. 79; Map of E. Equatorial Africa by, IV. 433
- , Prof. C. S.: Vinland Voyages, I. 568†
- , Sir D.: remarks on receiving medal for G. Dawson, X. 108; Resources of Canada, IX. 578; W. Canada, before and since confederation, X. 121†
- , F.: Distribution of mosquito larvæ . . . in Sierra Leone, XX. 669†
- , F. C.: Uganda, IX. 461†
- , G.: Bishop Heber, VII. 119†; Conversion of India from Panteus to the present time, III. 70†; Free Church of Scotland Mission map, I. 192; Foreign Mission Atlas, XIX. 415†; Twelve Indian Statesmen, XI. 207†
- , Sir G.: Recent observations in W. Australia, XVII. 214†
- , G. A.: Historical geography of the Holy Land, IV. 86†, 450§; IX. 339†; Notes of journey through Hauran, XIX. 232†; Topographical and physical map of Palestine, XVIII. 347†
- , G. B.: Sir John Franklin and romance of N.W. passage, VI. 101†
- , G. E.: remarks on "Journey to summit of Mt. Kenya," XV. 478; Road-making and surveying in Br. E. Africa, XIV. 269*
- , G. H.: Theory of the State, VII. 685†
- , H. M.: Deep-sea exploring expedition of *Albatross*, XIV. 688†; Exploring Expedition to Mid-Pacific ocean, XIV. 588†
- , J.: Andorra, the republic of the Pyrenees, V. 505†; Buried or drift-filled channels and glens of Ayrshire, XVIII. 83§, 228†; Pilgrimage to Egypt, XI. 93†; Pilgrimage to Italy,

SMITH

- XV. 546 †; Pilgrimage to Palestine, XI. 92 †
- Smith, J. P.: Geographic relations of Trias of California, XIII. 681 †
- , J. R. D.: Gazetteer of Sialkot district, VII. 678 †
- , K., and R. Money: Explorations W. of lake Nyasa, X. 146 *
- , Miss L.: Music of Japan, V. 88 †
- , L.: voyages to Franz Josef Land, VI. 501
- , R.: biography, XVI. 705 †; Botanical survey of Scotland, XVI. 574 †; Home Lore; Plant Associations and their Distribution, XVII. 216 †; On Study of Plant Associations, XIII. 686 †
- , R. B.: Uganda; Two Letters to the *Times*, I. 85 †
- , Sir R. M., Life of: W. K. Dickson, XIX. 112 †; Obituary, XVI. 237
- , R. N.: Mining in Kimberley district, etc., XIII. 458 †
- , S. P.: Aotea canoe, XVIII. 114 †; Geographical knowledge of the Polynesians, XIV. 589 †; Report of Department of Lands and Survey, New Zealand, † VI. 584; IX. 243; XI. 203; XII. 636; XV. 86; XVII. 96; on Survey work in New Zealand, III. 61; Tohunga-Maori; A sketch, XVII. 560 †; Volcanic activity in Sunday I., IX. 109 †
- , V. A.: Buddhist monastery at Sohnag, XVI. 487 †
- , W. A.: Temperate Chile, XV. 180 §, 196 †
- , W. G.: Methods and objects of a botanical survey of Scotland, XX. 241 †
- , Worthington G.: Man, the primeval savage, etc., III. 435 †
- , W. H.: Photographs of Morocco, XIV. 239
- , W. P. H.: Climbing in the British Isles, VI. 484 †
- , W. S.: Geological sketch of San Clemente I., XIV. 339 †; Geology of Santa Catalina I., XI. 73, 97 †; Note on migration of divides, XI. 321 †; Submarine valleys of California coast, XX. 468 †
- Smith Sound, I. 2
- Smith-Delacour, E. W.: Shironga vocabulary; . . . Delagoa Bay, I. 280 †
- Smithson, G. E. T.: biography, XV. 557 †; obituary, XIII. 545
- Smithsonian Geographical tables: R. S. Woodward, VI. 100 †; Meteorological tables, III. 257 †; Physical tables: T. Gray, XI. 209 †
- Institution, Annual Report, VIII. 312 †; History of its first half-century: G. B. Goode, XII. 331 †; Origin, etc., VIII. 196 †; work, XI. 155

SNOWY

- Smitsdorp, S. Africa, II. 222
- Smulders, T.: Kaart van de Zuid Afrikaansche Republiek, VII. 688 †
- Smyrna—Geographisch-Statistisches vom Wilajet Smyrna: E. Friedrich, XV. 81 †; Trade Rep., XVI. 698 †
- Smyth, H. W.: Boats and boat-building in Malay Pen., XX. 243 †; Five years in Siam, XII. 208 †; Grant awarded to, XI. 661; XII. 87; Journeys in Siamese E. coast states, XI. 465 †; on Upper Mekong, V. 508 †; to some S.W. provinces of Siam, VI. 401 †, 522 †; VII. 331 †; remarks on "Journeys in Chinese Shan States," XV. 516; on receiving medal for J. McCarthy, XVI. 116; Voyage up Mekong, II. 492
- , Capt.; on nomenclature of the Oceans, I. 535
- Smyth's sound, Bolivia, XIV. 28
- Snaefellsjökull, Iceland, XIII. 274
- Snead Cox, J. G.: French Canada and the Empire, XVII. 450 †
- Snelleman, J. F., and J. F. Niermayer: Kustvormen op Java, VI. 194 †
- Snelson, F.: Modern Bundoism . . . in pagan Africa, XIV. 458 †
- Snow, H. J.: Award to, III. 420; Notes on Kuril Is., IX. 460 †
- Snow, W. Parker; obituary, V. 500
- Snow—
- Beobachtungen über das Schwinden einer Schneedecke: J. Westmann, XIX. 532 †
- Einfluss der Schneedecke auf die Temperatur der Erdoberfläche: W. Bühner, XX. 364 †
- Schneedecke im bayrischen Waldgebirge: P. Wagner, XVIII. 218 §, 225 †
- Snow-burans of Pamirs, XI. 242
- Snowfall in Finland, Observations on, I. 545
- Snow-layer in Austrian Alps, A. Swarowsky's observations on, IX. 557
- Snow-line in Iceland, XIII. 497
- in Balkans during glacial epoch: J. Cvijić's investigations, XIII. 655
- Snow-mushrooms, formation of, XX. 140, 146
- Snow-ripples, etc., in Scotland, XX. 172
- Snow-waves, V. Cornish on, XVII. 537 †; Snow-waves and snow-drifts in Canada: Id., XX. 137 *
- Temperature and Conductivity of; H. Abel on, III. 145
- Vertical distribution of snow, plants, and habitations, VIII. 519
- Snowdon tarns, Some: J. R. Dakyns, XV. 530 §, 662 †
- Snowy Mts. or Australian Alps, III. 520; Australian Alps or Snowy Mts.: R. Helnis, X. 231 †; Snowy Mts. and Mt. Kosciusco, IX. 580
- Mts., Se-chuan, X. 38

SNYDER

- Snyder, W. H.: Geographical laboratory work in Worcester Academy, XV. 448 †
- Sobat river, E. Africa, X. 440; XIV. 153, 208; XVI. 302
- Escursione sul basso Sobat, lettera del L. Tappi, XIX. 528 †
- French explorations, XVI. 476
- Headstreams of the; de Bonchamps' explorations, XII. 316
- Hydrography of; Letter from H. H. Austin, XIX. 385; from E. H., XIX. 520
- Neuesten Forschungen im Sobatgebiete: B. Forster, XVIII. 310 §, 456 †
- Photographs on Sobat and White Nile: C. W. Gwynn, XVIII. 248; H. H. Wilson, XX. 136
- Survey of Sobat region: H. H. Austin, XV. 279; XVII. 495 *; XVIII. 456 †
- Trip up Khor Felus, etc.: H. H. Wilson, XX. 401 *
- Sobieski: Le Monténégro, I. 564 †
- Sobo plains and tribe, W. Africa, I. 126
- Soboleff: Russian Altai mts., XII. 207 †
- Sobral, J. G.: Asia, IX. 104 †; El canal de Nicaragua, XI. 99 †; Estudios sobre las regiones árticas, XVI. 128 †
- Soccavo catchment area, X. 481; crater, X. 428; valleys, X. 487
- Society Is.—Expedition de Raïatéa en 1897, XII. 215 †; Trade Rep., XIV. 585 †; XVI. 586 †
- Socotra: *see* Sokotra
- Soddo mts., geology, XV. 267
- Sodom and Gomorrha, Frage des Untergangs von: M. Blanckenhorn, XVII. 210 †; Katastrophie von: C. Diener, IX. 681 †; Noch ein Wort über: Id., XIV. 226 †
- Sofa tribe, Sierra Leone, IV. 132
- Sofala, Territorio de Manica e: J. Machado, VII. 443 †
- Soffner, A.: *see* Lachnit, R.S.
- Sogne fjord, Norway, I. 494
- Sogurella, altitude, X. 393, 397
- Sohneke, L.: Bedeutung wissenschaftlicher Ballonfahrten, IX. 346 †; Biography, XII. 441 †; Gewitterstudien auf Grund von Ballonfahrten, IX. 112 †
- Sohr-Berghaus Hand-Atlas, Neuer Bearbeitung: A. Bludau, XX. 475 †
- Soil—
- Origin and nature of soils: N. S. Shaler, V. 399 †
- Reason for retention of salts near surface of soils: T. H. Means, XIX. 661 †
- Relations of, to Climate: E. W. Hilgard, I. 275, 282 †
- Soil as economic and social factor: F. K. Cameron, XX. 251 †
- erosion, Economic aspects of: N. S. Shaler, IX. 245 †
- temperature; W. Boller on, VIII. 301; Observations of: H. Callendar and C. H. McLeod, XI. 573 †; XII.

SOLOMON

- Soil—*continued*.
- 217 †; Do., Preliminary results, etc.: H. L. Callendar, IX. 467 †
- Zersetzung der organischen Stoffe und die Humusbildungen: E. Wollny, IX. 113 †
- Sokolow, N.: Hydro-geological investigations in Government of Kherson, XI. 193 †; Limane Südrusslands, XII. 93 †; (Entstehung), VII. 677 †; Manganerz-lager in . . . Jekaterinoslaw, XIX. 394 †
- Sokoto Empire and Borgu, Journey through: W. Wallace, VIII. 211 *
- river, VIII. 216
- town, VIII. 203, 218.
- Sokotra—
- Austrian expedition to, XIII. 536, 638
- English expedition to: H. O. Forbes, XII. 614, XIII. 633; Report of Committee, XVI. 370 †
- Fauna, VII. 283
- Geology of: J. W. Gregory, XV. 298 †
- Island of: J. T. Bent, X. 121 †; Mrs. T. Bent, XIII. 323 †
- Sokwe I., Lake Mweru, IX. 60
- Solander, E.: Observations du magnétisme terrestre faites à Upsala, etc., III. 163 †
- Solar: *see* Sun
- Solarometer, The: W. H. Beehler, VI. 395 †
- Soldiering and surveying in Br. E. Africa: J. R. L. Macdonald, IX. 576 †; X. 174 §
- Solenodots of Antillean subregion, V. 473, 476
- Soleyman's account of Siraf, VI. 170
- Solfatara crater, X. 425
- Solfataras of Iceland, XIII. 263
- Solis, D. de: *see* Pinzon
- Sollas, W. J.: Distribution of eskers in Iceland, XI. 309 †; Funafuti, XIII. 458 †; Do., Report on coral reef at, IX. 465 †; on structure of do., IX. 580 †; Rate of increase of underground temperature, XIX. 239 †
- Solomon, V.: Extracts from diaries kept in Car Nicobar, XX. 555 †
- Solomon Is.—
- Admiralty Surveys, IV. 28
- Aus dem Reiseberichten Seiner Majestät Schiffe, XV. 86 †
- Austrian Explorations, XVI. 230
- British Solomon Is. (Colonial Reps.), X. 330 §, 341 †; XIII. 325 †, 436 §; XV. 71 §, 555 †; XVIII. 94 §, 338 †; XX. 361 †; (Vegetable resources), XII. 101 †
- Discovery of: Lord Amherst and B. Thomson, XIX. 778 †
- Ethnographical notes in New Georgia: B. T. Somerville, X. 231 †
- German explorations, III. 519
- Natürlichen Kanäle auf den Salomo-Insel: H. Seidel, V. 285 †
- Photographs: W. A. Lucas, XIV. 696
- Reise nach Bougainville (Salomonen): C. Ribbe, IV. 580 †

SOLOMON

Solomon Is.—*continued*.

- Reise nach den deutschen und englischen Salomons-Inseln: von Bennigsen, XVIII. 236 †
- Salomo-Insel Malaita: H. Siedel, I. 185 †
- Survey, by H.M. surveying ship *Penguin*, III. 62
- Vocabulary of . . . New Georgia: B. T. Somerville and S. C. Weigall, VIII. 422 †
- Solomons, S.: Grand Cañon of Tuolumne, IX. 241 †; Search for high mountain route from Yosemite to King's river cañon, VIII. 419 †
- Solovetsk, Pilgrimage to: S. Mavor, XVII. 445 †
- Soma Tash, Pamirs, VIII. 102
- Somaliland (and below, Somaliland, British, French, Italian).—**
- Birds, Catalogue of, obtained by Expedition into: D. G. Elliot, X. 340 †; Collection made by A. D. Smith: R. B. Sharpe, XIX. 108 †
- Chez les Somalis: V. Goedorp, XV. 194 †
- Cinq mois au pays des Somalis: Prince N. D. Ghika, XII. 325 †, 304 §
- Coast—Commerci del Benadir: E. Dulio, XVII. 449 †; Notizie geografiche . . . nel Golfo di Aden: A. Cecchi, VIII. 93 †
- Deutschen Bestrebungen an der Somali-Küste: C. von Bornhaupt, VII. 113 †
- Ethnography of, and surrounding countries: P. Paulitschke, II. 380 †
- Ethnology of tribes met with . . . Juba expedition: J. R. L. Macdonald, XVI. 580 †
- Genealogies of the Somal: P. Z. Cox, IX. 239 †
- Geographical names in, V. 485
- Insects and arachnids, Collection of: C. V. A. Peel, XVI. 370 †
- Language—Grammar of: E. de Larajasse and C. de Sampont, XI. 94 †; Somala-English Dictionary: E. de Larajasse, XI. 94 †
- Literature on, XX. 654
- Maps—Carta della Costa Orientale d'Africa (Istituto Cartografico Italiano), XVIII. 117 †; Expédition Ghika au pays des Somalis, XI. 597 †; Routes in: R. B. B. Christie, R. Sparrow and G. Mainwaring, VII. 121 †; W. Somaliland: E. Stanford, XII. 109 †
- Native caravan, Journey of, XIX. 374
- Photographs: F. Gillett, VII. 452; M. S. Wellby, XV. 203; H. G. C. Swayne, IV. 584
- Roches volcaniques du Protectorat des Somalis: A. de Gennes et A. Bonard, XVI. 488 †
- Somali raids on the Tana, IV. 99
- tribe, I. 211, 221

SOMALILAND

Somaliland—*continued*.

- Somaliland: C. V. A. Peel, XV. 666 †
- Some account of: A. E. Pease, XI. 453 †
- Stone implements, Further discoveries of: H. W. Seton-Karr, X. 552 †; XIX. 755
- Temperature observations in Abyssinia and: R. T. Omond, XVI. 581 †
- Unexplored areas, II. 485
- Volcanic crater in N.: A. E. Pease, XI. 138 *
- Expeditions, X. 328
- Böttge's, VII. 99; VIII. 93, 516; X. 326; Notizia della spedizione Böttge, VII. 679 †; Risultati Zoologici della prima spedizione: L. F. de Magistris, XI. 314 †; Seconda spedizione Böttge, VIII. 531 †; Do.: L. Vannutelli e C. Citeri, XII. 633 †; XV. 50 §, 83 †; Do., Discussione delle osservazioni . . . E. Millosevich, X. 340 †; XII. 210 †; Do., Results of second Böttge expedition: P. L. Schlater, XV. 439 †
- Brichetti-Robecchi's, II. 359 *; First journey across Somaliland, II. 279 †; III. 439 †; Itinerary of journey, II. 279 †; Maps, II. 479 †
- Expedition up Jub river, through Somaliland: F. G. Dundas, I. 209 *
- From Somali coast through S. Ethiopia to the Sudan: O. Neumann, XX. 373 *
- Ghika Comanesti, Reise des Fürsten: P. Paulitschke, IX. 105; O calatorie prin tara Somalilor: Ghika-Comanesci, X. 229 †
- Hoyos and Coudenhove Counts: journeys of, IV. 363, 377 †
- Italian explorations, II. 359, 461, 486; Explorations italiennes: F. Bonola, IX. 105 †; Do.: N. Noll, XII. 210 †
- Journey in Somaliland: Baudi di Vesme and Candeo, III. 252 †
- through Abyssinia and Somaliland: R. Koettlitz, XVI. 581 †; through Somaliland: Id., XVI. 700 †
- Mainwaring, H. S., VI. 474
- Massacre de la Mission Cecchi, IX. 341 †
- Menges' Reisen auf des Hochplateau der Somali-Halbinsel, IV. 583 †
- Parkinson's journey (*see below*, Two recent journeys), IX. 221
- Rambles in Lion land: F. B. Pearce, XVI. 370 †
- Reisestudien in den Somaliländern: C. Keller, VIII. 310 †; IX. 341 †
- Smith, A. Donaldson, III. 424; IV. 528; V. 124, 484; VI. 498, 568;

SOMALILAND

Somaliland—continued.

- XV. 645; XVI. 102, 600; Expedition durch das Somal- und Gallaland, IX. 462†; Expedition to lake Rudolf through Somaliland, VIII. 120*, 221*; Through unknown African countries, IX. 577†; X. 172§
- Swayne, H. G. C.: Report on Reconnaissance, II. 90†; Seventeen trips through Somaliland, VI. 582†; XVI. 700†
- Through Somaliland and around lake Rudolf: H. S. H. Cavendish, XI. 372*
- Trip in Somaliland: M. S. Wellby, VII. 113†
- Two recent journeys in N. Somaliland; I.: F. B. Parkinson and Brander-Dunbar; II.: G. P. V. Aylmer, XI. 15*, 34*, 186, 305
- Viaggio nella penisola dei Somali: G. Candeo, V. 283†
- Voyage au Choa, etc.: Vicomte E. de Poncins, XIV. 118†
- Wickenburg, Count, XII. 78; XIX. 216; Graf E. Wickenburg's Reise-route (map): P. Paulitschke, XIII. 691†; Reise des Grafen E. Wickenburg im Somal-Lande: P. Paulitschke, XII. 210†; Reiseroute des Grafen . . . (map), XI. 579†; Do.: P. Paulitschke, XIII. 691†
- Somaliland, Brit., area, IV. 56; XI. 294; boundary, XI. 669; Trade Rep., II. 552§; XVI. 249†; XVII. 531§
- , French (see also Jibuti), IV. 58; VIII. 117
- Au pays des Somalis et des Comoriens: L. Heudebert, XVII. 554†; XVIII. 300§
- Chemin de fer de Djibuti à Harar, XIX. 656†
- Côte française des Somalis, etc.: Rouire, XI. 94†
- Djibouti et Obock: P. Barré, XVI. 367†
- Notice sur la côte française des Somalis: S. Vignéras, XVII. 91†
- Rapport ethnographique sur . . . la côte française des Somalis, XX. 125†
- , Italian, IV. 56; XVI. 104; Commerci del Benadir: E. Dulio, XVII. 449†; Somalia Italiana: G. Pestalozza, XIX. 656†
- Sombo station, Chinde river, II. 404
- Somerset, H. S.: Land of the Muskeg, VII. 114†
- , L. E. H.: obituary, XV. 430
- Somersetshire; Handbook: J. Murray, XIV. 332†; Highways, byways, and waterways: C. Barrett, III. 528†
- Somerville, Mrs.: on peninsulas, VI. 545
- , B. T.: Account of visit to Niuafoou, S. Pacific, VII. 65*; Ethnographical notes in New Georgia, X. 231†; sounding cruise of H.M.S.

SOUFFRIERE

- Egeria on Pacific cable route, XVII. 454†; Survey of Solomon Is., III. 62; Vocabulary in . . . New Hebrides, I. 282†
- Somerville, B. T., and S. C. Weigall: Vocabulary of . . . New Georgia, Solomon Is., VIII. 422†
- Somite lake: see Nakalo
- Somme—Falaises vives et Falaises mortes de la, XIX. 649†; Transformations du littoral de la, XIX. 227†
- Sömmering, Wüstung: G. Reischel, XI. 448†
- Sommerville, M.: Sands of Sahara, XVIII. 330†
- Somo, castle of, X. 48; the T'u-ssu of, X. 42; territory, X. 46, 48
- Son valley, Geological history of: R. D. Oldham, XIX. 84§, 230†
- Sondo river, Br. E. Africa, XVI. 85
- Songoia, altitude, X. 394, 397
- Songwe river, C. Africa, V. 112; XI. 668; XIII. 606
- Sonnblick Observatory, investigations, VI. 82; Hann on, III. 233
- Climatology of Sonnblick group; F. Machacek on, XV. 640
- Gletscherstudien im Sonnblickgebiete: A. Penck, XI. 307†
- Jahresbericht des Sonnblick-Vereines, XII. 321†; XIV. 329†
- Temperatur des Sonnblickgipfels: J. Hann, XIII. 97†
- Trigonometrische Höhenbestimmungen: A. von Obermayer und A. Schindler, V. 504†
- Sonnenburg, A. F. von: Manila and the Philippines, XIV. 115†; Stimmungsbilder aus Manila, XIV. 581†
- Sonnenschein, W. S.: Bibliography of geography, X. 555†
- Sonnenstern, M.: Official map of Nicaragua, XIII. 463†
- Sonnewald, T. A.: Südafrikanische Tierseuchen, etc., IX. 341†
- Sonora, State of, Trade and agriculture, (F. O. Rep.), XVI. 582†
- Sonyo, Congo, XIX. 542
- Sopheau, P.: Les variations de la frontière française des Alpes, III. 249†
- Sorata, mt., Bolivia, XIV. 15; XVIII. 614; Sir M. Conway's ascent, XII. 525
- Soratte, Monte (Italy); Determinazione astronomica del latitudine: V. Reina, XVIII. 321†, 322†
- Soria y Mata, A.: Origen poliédrico de las Especies, VI. 201†
- Sotik country and people, C. Africa, II. 132; XVI. 79, 84; Sotik route to Victoria Nyanza, II. 129, 131
- Soudak, L. de: Théodosie port de mer, VIII. 189†
- Soudan: see Sudan
- Souffrière, St. Vincent, Eruption of, XIX. 758 (see also Martinique, St. Vincent, and West Indies)

SOULÉ

- Soulé, F.: Joseph le Conte in the Sierra, XIX. 662 †
- Soulèvements et affaissements: A. de Lapparent, XII. 545 †
- Souleyre, A.: Aménagement industriel du Rhône, XII. 92 †; Directions conjuguées des plissements et fractures de l'écorce terrestre, XV. 556 †; Distribution des pluies, XV. 89 †; Ressources minières du Sahara, XIII. 680 †
- Soulié, J.: De Ta-t sien-loü à Tse-kou, X. 549 †
- Soulsby, B. H.: First map containing name America, XIX. 201 *
- Sounding (*see also* Oceanography, and *special Seas*)—Method in lake-basins, VI. 54; Pullar's Machine, XV. 314; Beschreibung von Lothungen auf Niedrigwasser: C. Schrader, XV. 672 †
- Soura (Russia), La vallée de la: S. Nikitin, XVIII. 104 †
- Sous terre: E. A. Martel, VII. 221 †
- South African Republic: *see* Transvaal
- Downs, XV. 354; Underground water-levels of: H. M. Whitley, XVII. 208 †
- Georgia—
- Geographical distribution of vegetation in: C. Skottsberg, XX. 498 *
- Winter expedition of *Antarctic* to: J. G. Andersson, XX. 405 *
- Pole: *see* Antarctic
- Sea Islanders and Queensland Labour Trade: W. T. Wawn, II. 75 †
- Shetlands, Antarctic, II. 434; XVII. 151; N. B. Palmer's discoveries, XVIII. 364; 366
- , Trinidad I., visit of *Discovery* to, XIX. 426
- Victoria Land, Antarctic, Topography of: L. Bernacchi, XVII. 478 †; *see* Victoria Land
- Southam, S. C.: Photographs taken in Andorra, XV. 308, 562
- Southampton—
- Ancient, Catalogue of works of art belonging to W. B. Hill, XIV. 677 †
- Geographical Society at, X. 642; Sir C. R. Markham's Address, XI. 1 †; Report, XIV. 589 †
- Geology of country round: C. Reid, XX. 553 †
- Walls of: W. H. St. J. Hope, XVI. 121 †
- Southern Cross* expedition to Antarctic: C. E. Borchgrevink, XVI. 381 †; Report on collections of natural history, XX. 645 †; *see* Antarctic
- Southern Hemisphere: *see* Earth
- Ocean—Currents, H. C. Russell's observations, XVI. 689; Deep-sea deposits of, XIX. 696; Drift-ice, Dinklage on, XX. 106 (*see* Ice); Extent and climate, VII. 538; Franska sjöfärderna till Söderhavet: E. W. Dahlgren, XVII. 217 †; Icebergs, H. C. Russell on, XII.

SPAIN

- 421; Meteorological charts, XIV. 695; Soundings by *Valdivia*, XIII. 647
- Southesk, Lord; letter on Canadian Rockies, XIII. 546
- Southesk tablelands, Australia, XI. 271
- Southport—Fernley Observatory, Reports, etc.: J. Baxendell, † VIII. 415; X. 227; XIV. 578; XVI. 246
- Southwell, T.: Antarctic Exploration, VI. 585 †; Migration of right whale, XII. 329 †
- Souza, Marques de: Riquezas naturales . . . da Bahia, XIII. 324 †
- Sóvargebirge und das Bad Rank-Herlein: A. Becker, XI. 446 †
- Soveral, Vicomte de: Fourth centenary of sea-route to India, VIII. 537 †; remarks on Prince Henry the Navigator, III. 402
- Sowa, R. von: Wörterbuch des Dialekts der deutschen Zigeuner, XIII. 101 †
- Sowerby, W.: Water-supply in mitigation of drought in India, XVII. 447 †, 550 †
- Spain, A. H.: Landreis van Berouw naar Samarinda, XVIII. 107 †
- Spaccata, Montagna; Italy, X. 423
- , Vallone di, X. 480
- Spain** (*see also* Iberian peninsula)—
- America, influence of discovery of, I. 540
- Aragon and Valence, Les beaux-arts, etc.: J. Dieulafoy, XVII. 445 †
- Catalogue of manuscripts in Spanish in British Museum: Don Pascual de Gayangos, II. 381 †
- Cession of islands to U.S., XVI. 683
- Charles-Quint et Phillippe II., . . . Espagne en Europe: E. Gossart, XII. 94 †
- Climate during Tertiary period, etc.: A. Penck, IV. 186 †
- Coasts in Roman epoch: D. A. Blasquez, IV. 186 †
- Colonies—Ausgang des spanischen Kolonialreichs: Zimmermann, XII. 642 †; Colonias españolas despues del Tratado de Paris: D. R. de Labra, XVIII. 115 †; Colonias españolas en Africa: D. M. Conrotte, XVIII. 110 †; Ende der Spanischen Colonialmacht, XIII. 689 †
- Descripción de España: Mohamed al-Edrisi, XVIII. 633 †
- Descriptive topographic terms of Spanish America: R. T. Hill, IX. 116 †, 227 §
- Diccionario geográfico . . . de España y sus provincias de Cuba, etc.: R. del Castillo, I. 181 †; IV. 281 †
- Espagne, politique, littérature, etc., XVI. 363 †
- Existence de phénomènes de recouvrement dans la zone subbétique: R. Nicklès, XIX. 767 †
- Fahrt durch das Becken von Guadix: A. Rzehak, XVIII. 322 †
- First invasion of Normans in: A. K. Fabricius, II. 185 †

SPAIN

Spain—*continued*.

- Fischer's travels in, I. 564 †
 Geographischen Ursachen von Spaniens
 Niedergang: J. Maerker, XIII. 655 §;
 XIV. 112 †
 Geography and social conditions, I. 348,
 350
 Grammar of Spanish language: F. de
 Arteaga, XX. 366 †
 Guctaria im Baskenlande: Karutz, XII.
 94 †
 Hallazgos de Villaricos, etc.: P. Quirós,
 XII. 538 †
 Herbsttage in Andalusien: G. Wegener,
 VII. 440 †
 Hora de la Europa occidental en España,
 XVII. 318 †
 In Baskenland: K. Nebehay, XIII.
 557 †
 In Northern Spain: H. Gadow, XI. 88 †,
 544 §
 Maps—Mapa Militar de la Capitania
 General del Norte (Deposito de la
 Guerra, Madrid), XVI. 708 †; Mapa
 Topografica de España, II. 285 †; IX.
 350 †; Spanish-American war map:
 J. Bartholomew, XII. 109 †; Do., W.
 A. and K. Johnston, XI. 692 †
 Mining Industry (F. O. Rep.), XX.
 552 †
 Mission en Espagne: D. du Dezert, VII.
 328 †
 Normannertogene til den spanske
 Halvø: A. Fabricius, XI. 88 †
 Notas de viajes por España: E. S.
 Pérez, XVIII. 633 †
 Notes of journey in S. Spain and Tan-
 gier: J. C. Blake, XII. 428 †
 Origin of geographical names in, II.
 364
 Origines de la carte d'Espagne: G.
 Marcel, XV. 661 †
 Spain and Philippine Is.: J. Foreman,
 XII. 432 †
 Spanish claims in Guiana, VII. 277
 ——— explorations in Chile, XVI. 15;
 in Fernando Po, IX. 222
 Teatro de la guerra de Munda: A.
 Blázquez, XVII. 318 †
 Trade Rep., XII. 538 †; XIV. 577 †;
 XVIII. 228 †
 Unnoted corner of: H. Lynch, X. 226 †
 Vagabond in Spain: C. B. Luffman, VI.
 96 †
 Vias romanas españolas: A. Blázquez,
 † XII. 538; XIII. 452; XV. 548
 Vini Spagnuoli: A. Bosdari, XVIII.
 228 †
 Vorkommen klimatischer Bodenzonen
 in Spanien: E. Ramann, XX. 240 †
 Voyage en Espagne: L. F. Viala, XVI.
 121 †
 Wild Spain, Records of sport, etc.: A.
 Chapman and W. J. Buck, I. 374 †
 Spalding, V. M.: Natural History Survey
 of Michigan, XII. 214 †

SPILSBURY

- Spamer's Grosser Hand-Atlas, VII. 574 †;
 IX. 248 †
 Sparrow, R.: *see* Christie, R. B. B.
 Speak, S. J.: Gold-producing region of
 W. Africa, XIX. 658 †, 773 †
 Spears, J. R.: Gold diggings of Cape
 Horn, VII. 335 †
 Species—Origen poliédrico de las especies:
 A. Soria y Mata, VI. 201 †
 Speleology: *see* Caves
 Spellenberg, G.: Beitrag zur Land- und
 Völkerkunde vom Kamerun-Hinterland,
 XIX. 657 †; Dritte Reise ins N.W.
 Gebiet . . . von Kamerun, XIX. 107 †
 Spelling: *see* Orthography
 Spence, J.: China, Shanghai to the Great
 Wall, XVII. 548 †
 Spencer, B.: expedition to Barrow Creek,
 XVIII. 537; Report on work of Horn
 scientific expedition to C. Australia,
 XIII. 325 †
 ———, F.: Aims and practice of teach-
 ing, X. 220 §, 345 †
 ———, J. W.: Another episode in history
 of Niagara, XIII. 323 †; Deformation
 of Lundy beach and birth of lake Erie,
 III. 533 †; Duration of Niagara, V.
 172 §, 183 †; VII. 115 †; Eastern margin
 of N. Atlantic basin, XV. 199 †; Hull's
 submerged platform of W. Europe, XIII.
 555 †; On geological and physical de-
 velopment of Anguilla, XIX. 235 †; Do.
 of Antigua, XIX. 235 †; Do. of Dom-
 inica, etc., XX. 561 †; Do. of Guade-
 loupe, XIX. 236 †; Do. of St. Chris-
 topher Chain, XIX. 236 †; on Origin
 of the Great Lakes, I. 498; on restora-
 tion of Antillean continent, V. 385;
 Studies on Great Lakes and Niagara,
 VII. 115 †
 Spencer, Cape, Alaska, XIV. 526
 Spender, A. E.: Two winters in Norway,
 XX. 121 †
 ———, H.: High Pyrenees, XVI. 362 †;
 Through the High Pyrenees, XII.
 625 †
 Spherical traverse tables and their uses:
 H. B. Goodwin, XV. 444 †
 Sperry, L. B.: Avalanche basin, Montana,
 VII. 444 †
 Spessart, Gletscherspuren im: G. Klemm,
 V. 179 †; Glacierscheinungen im:
 Id., VIII. 188 †
 Spey, River: L. W. Hinxman, XVII.
 655 §; XVIII. 105 †
 Speyer, M. de: Ascent of Mt. Demavend,
 I. 150
 Sphere Atlas, XVII. 102 †
 Spicq: Carte de la Boucle du Niger, X.
 660 †; XIII. 691 †
 Spielmann, C.: Madagascar, VII. 443 †
 Spiers, R. P.: Great Mosque of Omeiyades,
 Damascus, IX. 576 †
 Spilsbury, A. E.: Development of C. Africa
 from the East, XX. 245 †; Expedition
 from Port Amelia to lake Nyasa, XIX.

SPINDLER

- 400 †; "Tourmaline" expedition and opening of the Sus, XIII. 680 †
- Spindler, J.: Eisverhältnisse an den Seeküsten des russischen Reiches, V. 604 †; observations on lake Peipus, VII. 655; Russian medal awarded to, IX. 567; survey of lake Chuskoye, VIII. 407
- Spinifex and sand: Hon. D. Carnegie, XIII. 326 †
- of Australian desert, XI. 259
- Spiro, J.: Les Yezidi ou les adorateurs du diable, XVI. 124 †
- Spiss, P. C.: Kihehe Wörter-Sammlung, XVII. 322 †
- Spitaler, R.: Linien gleichen Unterschiedes des wahren Luftdrucks, XIX. 247 †; Periodischen Luftmassenverschiebungen, etc., XIX. 661 †
- Spithead, marine surveys at, IX. 656
- Spitsbergen, currents off, I. 5; scenery, VI. 550; winter in, VI. 553
- Across Spitsbergen: J. W. Gregory, XII. 328 †
- with Sir M. Conway: E. J. Garwood, X. 459 †
- Andrée search expedition, X. 640; Spaningarne efter Andrée kring Spitsbergen: A. G. Nathorst, XIII. 327 †
- Auf einem deutschen Fischdampfer um Spitsbergen und König Karlsland: F. Römer, XIX. 110 †
- Bidrag till Kännedom om Spitsbergens och Beeren Eilands Kärldäktflora: G. Andersson och H. Hesselman, XIX. 532 †
- Conway, Sir W. M.: expedition to, VII. 555; VIII. 13, 180; X. 219; Conway expedition to Spitzbergen: J. W. Gregory, VIII. 528 †; First crossing of Spitzbergen: Sir W. M. Conway, IX. 353 *, 684 †; X. 179 §, 232 † (*and below*)
- Cruise east of: A. Pike, XI. 365 †
- Degree-measurement (Russo-Swedish Expedition), XI. 74; XVI. 111, 567, 688; XVII. 433, 537; XVIII. 217, 626; XX. 232; Expedition suédoise au Spitzbergen, etc.: V. Carlheim-Gyllensköld, XIX. 532 †; Do., Travaux de l'Id., XVI. 256 †; XVIII. 238 †; Gradmessung im hohen Norden: C. Börgen, VI. 99 †; Gradmätningensätels framförande öfver Södra och Mellersta Spetsbergen: G. De Geer, XVII. 326 †; Mesure d'un arc de méridien: O. Backlund, XVIII. 237 †; Opérations de la Mission russe: M. Tchernychev, XVIII. 237 †; Travaux des missions suédoises: C. Rabot, XVIII. 238 †; Uppmätning af en meridiangradbåge på Spetsbergen: V. Carlheim-Gyllensköld, XVII. 326 †
- En färd till Sjuöarne: G. Meisenbach, XII. 438 †
- Exkursion för uppmätning af Van

SPITSBERGEN

- Mijens bay: C. J. O. Kjellström, XVIII. 238 †
- Exploration océanographique aux régions polaires: Prince A. de Monaco, XIV. 343 †
- Français au Spitzberg: E. T. Hamy, VII. 561 †
- Glaciers, VI. 551; Exploration of some of the: Sir W. M. Conway, XII. 137 *, 637 †; Glacial geology of: E. T. Garwood and J. W. Gregory, XII. 216 †; Glacial phenomena: E. J. Garwood, XV. 183 §, 301 †; (Additional notes), XV. 444 †; Glacier expedition: V. H. Gatty, XI. 205 †; Gletscher von Spitzbergen: G. de Geer, XIX. 405 †; Limites des glaces flottantes autour du Spitzberg et de la Nouvelle-Zemble: C. Rabot, IX. 581 †; On Glaciers of Spitzbergen: C. Rabot, II. 189 †
- Hudson's voyage, in 1607: Sir W. M. Conway, XV. 121 *; XVI. 256 †
- Kane's Reise langs Spitzbergens vestkyst: T. Heyerdahl, VII. 117 †
- Letzte Ueberwinterung auf Spitzbergen: W. Joest, IX. 234 †
- Maps—Karta öfver Kung Karls Land: C. Kjellström och A. Hamberg, XIII. 221 †; Karth öfver Amsterdamlön: N. Strindberg, IX. 684 †
- Moosflora der Spitzbergischen Inselgruppe: H. W. Arnell, XVIII. 237 †
- Nathorst, A. G., expedition to, XI. 74; XIII. 5; observations on geology, XIX. 510; surveys, XII. 385; Två somrar i Norra Ishafvet, XIX. 80 §
- Nomenclature of, letter from Sir W. M. Conway on, XVII. 541
- Notes d'excursions au Spitzberg: J. Richard, XIII. 685 †
- Observations made at Cape Thoroddsen by Swedish expedition . . . : N. Ekholm, etc., III. 163 †
- Om Spitsbergen og den Wellmanske polarexpedition: H. H. Alme, VII. 117 †
- Pendulum observations, XII. 419
- Photographs: J. E. Corbett and J. E. Drummond, VII. 576; C. J. O. Kjellström and A. Hamberg, XIII. 692
- Princess-Alice II., Deuxième campagne de la: Prince A. de Monaco, XV. 672 †
- Rabot, C.: expedition, I. 171
- Resa till norra Ishafvet: A. Hamberg, VII. 447 †
- Rise and fall of Smeerenburg: Sir W. M. Conway, XVIII. 114 †
- Scientific results of expedition to Spitzbergen and Jan Mayen: Bienaimé, I. 89 †
- Some unpublished Spitsbergen MSS.: Sir W. M. Conway, XV. 628 *; XVI. 373 †

SPITSBERGEN

Spitsbergen—continued.

- Special öfver Danskfattet: G. Norselius, XII. 102†
- Spitzberg: O. von Alvensleben, IX. 234†; Sir W. M. Conway, VI. 99†
- , 1898 and 1899, Voyages with H.S.H. the Prince of Monaco: W. S. Bruce, XVI. 587†
- Sulle coste di Norvegia e delle Spitzberghe, XVI. 573†
- Swedish expedition, 1890: G. Norden-skiöld, I. 282†; III. 163†; further expedition, IX. 96; XIV. 52
- Tourist trip to, VIII. 299
- Visit of Training Squadron, in 1895, VI. 548
- Voyage au Spitzberg: N. Voll, X. 459†
- Voyage of *Helgoland* round: Rüdiger on, XIII. 199
- Wellman's expedition to, IV. 275
- With ski and sledge over Arctic glaciers: Sir W. M. Conway, XII. 216†
- Yermak*, ice-breaker, XV. 35
- Zum ewigen Eise: G. Wegener, X. 459†
- Zwei Fahrten in das nördliche Eismeer nach Spitzbergen und Novaja Zemlja, etc.: R. R. Barry, IX. 581†
- Spitsbergen Sea, supposed new island in, XIII. 74
- Sport and politics under an Eastern sky: Earl of Ronaldshay, XX. 555†
- Sportman's handbook: R. Ward, IV. 475†
- Spratt: Die Insel Candia oder Creta (Map), IX. 584†
- Sprecher, F. W.: Grundlawinenstudien, XVI. 588†; Do. II., ... XX. 674†
- Spree—Geographische Mannigfaltigkeit des oberen Spreethales: H. Schwager, XII. 537†
- Sprigade, P.: Begleitworte zu der Karte ... im Nordwesten des Nyassa-Sees, XII. 434†; Do. der Umgebung von Misahöhe, XX. 126†; Do. des ... Schutzgebietes Togo, XIII. 434 §, 563†; Do. des südlichen Theiles von Togo, VIII. 531†; Karte von Deutsch-öst-Afrika, XVII. 221†
- , und M. Moisel: Grosser Deutscher Kolonialatlas, XIX. 116†
- , und H. Nobiling: Karte von Deutsche-Ost-Afrika XX. 254†
- Springfield, Geographical and geological exhibition at: R. E. Dodge, XIV. 467†
- Springs, Hot, and volcanic phenomena: E. Sness, XX. 517*
- Spruce, R.; obituary: Sir C. R. Markham, III. 245
- Spruner-Sieglin: Hand-Atlas zur Geschichte des Alterthums: see Sieglin
- Sprung, A.: Die vertikale Komponente der ablenkenden Kraft der Erdrotation, IX. 684†
- Spurr, J. E.: Exploration in Alaska, IX. 667; Geology of Aspen mining district, Colorado, XV. 195†

STANFORD

- Squier, G. H.: Studies in driftless region of Wisconsin, XII. 214†
- Ssemao town, VIII. 570; Trade at, XIV. 391; Saumao and Mengtse, Trade Rep., XVIII. 106†
- Stace: Note on Somali Coast Protectorate, II. 552
- Stache, E.: De Bena-Bendi à Gallikoko, IX. 576†; Exploration of region between Kasai and Sankuru rivers, IX. 560; exploration of Loange, XII. 190
- Stade, H.: Winterbilder von Brocken, XVII. 444†
- Stadlbaur: Turu, XI. 198†
- Stadling, J.: Andrée search expedition under, XIII. 75; Efterforskningarna efter Andrée-expeditionen i Sibirien, XIV. 582†; Through Siberia, XVII. 674†
- Staffordshire—Place-names: W. H. Duignan, XX. 122†
- Staggemeier, A.: General maps for illustration of physical geography, II. 573†; Millionième de la surface terrestre, etc., VIII. 197†
- Stahl, A. F.: Beobachtungen in den Kirgisensteppen, XVIII. 549†; Delta-gebiet der Flüsse Ural, Sagis und Emba, XVIII. 246†; Die durch Nivelierung des Rescht-Teheraner Wegs erhaltenen Höhen, XX. 556†; Entlang der Sibirischen Bahn, XX. 124†; Geologische-Karte des nördlichen Persien, X. 659†; Persien und seine Beziehungen zu den Nachbarländern, XVII. 209†; Reisen in Nord- und Zentral-Persien, VIII. 651†; X. 325§; Teheran und Umgegend, XVI. 248†; Zur Geologie von Persien, XI. 91†
- Stainier, X.: L'age de la pierre au Congo, XIV. 227†
- Stair, J. B.: Floatsam and jetsam from the Great ocean, VII. 218†; Samoa; whence peopled? VI. 394†
- Stairs, W. G.: Explorations in Congo basin, I. 226; Expedition to Katangaland: J. A. Moloney, II. 238*; With Capt. Stairs to Katanga: Id., II. 379†
- Stamboul, Old and new: R. Davey, VII. 440†
- Stampede pass, Cascade range, Washington: V. G. Bogue, VI. 583†; VII. 444†
- Stanford, E.: Compendium of geography and travel: Africa, N.: A. H. Keane, V. 607†; Africa, S.: Id., VII. 113†, 275§; Asia, N. and E.: Id., VIII. 92†; Canada and Newfoundland: S. E. Dawson, XI. 96†; C. America and W. Indies: A. H. Keane, XIX. 530†; Europe: G. H. Chisholm, XV. 172§; U.S.A.: H. Gannett, XII. 327†
- Maps—Africa, W. (part of), XII. 109†; Do. (Br. Possessions), V. 611†; America, S. (Library map), XVII.

STANKEWITCH

- 686 †; Br. S. Africa, IV. 286 †; Canada and Newfoundland, XII. 109 †; Guiana and Venezuela, VII. 342 †; India (N.W. frontier), V. 611 †; X. 561 †; London Atlas of Universal Geography, III. 356 †; London, County of, IV. 582 †; Mashonaland, Matabeleland, etc., II. 479 †; XV. 678 †; Morocco, Algeria, etc., XVI. 378 †; Nile, X. 659 †; Orange Free State, etc., XIV. 694 †; Rhodesia, VI. 590 †; IX. 119 †; XIII. 333 †; Somaliland, W., XII. 109 †; S. African Republic, XIV. 349 †; S. Polar chart, XVIII. 348 †; Switzerland (London Atlas Map), I. 238 §, 286 †; Transvaal goldfields, II. 95 †; V. 407 †; U.S.A., IV. 287 †; Do. and Cuba, XI. 692 †; W. Australia goldfields, VIII. 540 †; Yukon goldfields, X. 660 †
- Stankewitch, B. W.: Mesures actinométriques à Pamir, XVII. 320 †
- Stanley, Sir H. M.: discoveries in C. Africa, IX. 599; Étude inédite de Stanley, XIV. 680 †; Fields for Future Explorers, XVIII. 115 †; Honour to, XIV. 98; My early travels and adventures in America and Asia, VI. 103 †; remarks on "Expedition to Ruwenzori and Tanganyika," VI. 318; on "Journey from E. coast to Uganda, etc.," I. 75; on "Uganda Protectorate, etc.," XIX. 40; Slavery and slave trade in Africa, I. 567 †; Through S. Africa, XII. 210 †
- , W. F.: Notes on nebular theory, etc., VI. 586 †
- Stanley Falls, Chemin de fer des, XIV. 226 †; XIX. 374 §, 771 †
- , Pool, V. 427; XX. 492
- District du Stanley-Pool: Costermans, VI. 195 †
- Du Stanley Pool au Stanley Falls: C. Buis, XV. 193 †
- Railway to, V. 443
- Stanley-Brown, J.: Shishaldin as field for exploration, XIV. 567 §, 583 †
- Stanmore, Lord: remarks on "Formation of the Maldives," XIX. 298; remarks on "In the heart of Borneo," XVI. 60
- Stanovoi Mts., XI. 176; Bogdanovitch's exploration, X. 635
- Stanton, A. G.: Tea, V. 401 †
- , E. A.: Photographs of upper Nile, XV. 564
- , R. B.: Great land-slides on Canadian Pacific Railway, XII. 435 †
- Stanwell, Queensland: Mesozoic coal-measures, Report: B. Dunstan, XIV. 464 †
- Stapf, O.: Flora of Mt. Kinibalu in N. Borneo, VI. 485 †; VII. 431 §
- Stapf, F. M.: A. Miessler, VIII. 196 †
- Stark, J. H.: Guide-book and history of Br. Guiana, XIII. 217 †; Do. of Trinidad, XIII. 325 †; Illustrated Bermuda

STEAM

- Guide, XIII. 216 †; Jamaica Guide, XIII. 95 †
- Starkenbourg, Volksdichte der Provinz: K. Bergmann, XVI. 243 †
- Starnberger See: see Würmsee
- Starr, F.: Catalogue of collection illustrating folklore of Mexico, XVI. 489 †
- Stars—
- Bearings of principal bright stars, etc.: A. C. Johnson, VII. 447 †
- Catalogue of 6424 stars for epoch 1900: E. J. Stone, V. 92 †
- Chart of Southern circumpolar: H. C. Russell, VIII. 200
- Handbook for Star double-altitudes: A. C. Johnson, XI. 572 †
- Stassano, H.: Démonstration géographique de l'origine terrestre des aurores polaires, XIX. 111 †
- Staten L., S. America, XVIII. 361; Observations météorologiques faites à l'île des Etats: H. Arctowski, XVII. 679 †
- Statesman's Year Book: ed. J. S. Keltie, † I. 381; VI. 102; VIII. 537; IX. 584; XII. 107; XIII. 689; XVI. 134; XX. 132
- Stationery Office, List of Works published on account of, IX. 469 †
- Statistical Institute, International, Notes on subjects, etc.: P. G. Craigie, XII. 220 †
- Statistics—Address to . . . British Ass.: P. G. Craigie, XVI. 705 †
- Bulletin de l'Institut Internationale de Statistique: VII. 224 †
- Földrajz-statisztikai tabellák a föld összes államairol: Szende Gyula, XVII. 683 †
- Zur Technik . . . Angaben: G. von Mayr, VII. 569 †
- Staubfälle: see Dustfalls
- Staudinger, P.: Schreibweise von Ortsnamen, VII. 222 †
- Stavenhagen, W.: Englische Landesaufnahme in Europe und Vorder-Indien, XIX. 532 †; Frankreichs Kartenwesen in geschichtlicher Entwicklung, XX. 673; Geschichtliche Entwicklung des österreichisch-ungarischen Militär-Kartenwesens, XV. 660 †; XVII. 206 †; Italiens Kartenwesen in geschichtlicher Entwicklung, XX. 120 †; Neueste Militär-Kartenwesen Oesterreich-Ungarns, XVII. 443 †; Nordisches Kartenwesen, XX. 240 †; Wert der Mandschurei für Russland, XIX. 524 †
- Steains, W. J.: obituary, IV. 572
- Steam navigation—Address on: Sir W. H. White, XVI. 259 †
- Influence of wind on speed of steamers, XIII. 543 §, 685 †
- Manœuvring powers of Steamships: E. Blackmore and P. H. Colomb, VII. 571
- Tracks for full-powered Steam-vessels, XX. 255 †

STEAMSHIP

- Steamship Guide; T. Rhodes, XX. 252 +
 Steck, T., und R. Zeher: Arbeiten aus dem Geographischen Institut der Universität Bern, III. 158 +
 Steeb, C. Ritter von: Ausgleichung mehrfach gemessener Höhen bei der Militär-Mappierung, XVI. 588 +; Biography, XII. 441 +; Geographischen Namen in den Militär-Karten, XII. 438 +; Kriegskarten, XVIII. 459 +; Ljubeten in der Sara Planina, XIV. 332 +; Neueren Arbeiten der Mappierungs-Gruppe, XIV. 222 +; Terraindarstellung mit Schiefer Beleuchtung, X. 459 +
 Steele, L. J.: In the heart of the Canadian Rockies, XIX. 529 +; On a new trail; Over the Rockies and Selkirks, XX. 670 +
 Steenstrup, J. J. S.: Spolia atlantica, XIII. 460 +
 —, K. J. V.: Beretning om en Undersøgelsesrejse til Øen Disco Sommeren 1898, XIX. 379 §, 405 +; expedition to Disko, XI. 184; Meddelelser fra Dansk Geologisk Forening, IX. 573 +
 Stevens, G. W.: Egypt in 1898, XII. 325 +; In India, XV. 79 +; With Kitchener to Khartum, XIII. 92 +
 Stefan, A.: Fünfzehn Monate im südlichen Eismeer, XVI. 586 +
 Stefănescu, J.: Paludismul din punct de vedere geografic, XVI. 375 +
 Stefani, C. de: Cenni geologici sull' isola di Leucade, X. 225 +; Karpathos, IX. 458 +; Determinare gli spostamenti del suolo in Italia, XVIII. 226 +; I soffioni boraciferi della Toscana, X. 452 +; Pieghe dell' Appennino fra Genova e Firenze, I. 466 +; Produzione dell' acido borico . . . in Italia, XVI. 571 +; Samos, Etude géologique, etc., I. 279 +; Studio idro-geologico . . . nelle Alpi Apuane, VIII. 188 +
 Stefanie, lake, VIII. 224; XVI. 606; Coal at, XI. 377
 Stefano, G.: Probabile sollevamento attuale della costa Jonica calabrese? XX. 552 +
 Steffen, H. (J.): Bemerkungen . . . der Chilenisch-argentinischen Grenze im Feuerland, XI. 99 +; Chile und Argentinien in den patagonischen Kordillere, VII. 217 +; Chilenische Aisen-Expedition, XI. 183 §, 318 +; Chilenisch-argentinische-Grenzfrage, IX. 683 +; X. 214 §; Erforschung des Rio Puelo, VII. 115 +; expeditions, in Patagonia, XI. 436; XII. 317, 615; XIII. 198, 436, 663; XIV. 96, 568; (letter from F. P. Moreno on), XIV. 219; Expedition exploradora del rio Cisnes, XIII. 95 +; Do. del rio Aisen, X. 651 +; Patagonian Cordillera and its main rivers, XVI. 14*, 185*; XVII. 94 +; Do., Photographs, XV. 563; Do., Recent explorations, IX. 465 +; Reisen in den Pata-

STEINER

- gonischen Anden, XVI. 372 +; Reise-skizzen aus den Cordilleren von Llanquihue, IV. 579 +; Viajes i Estudios en la región hidrográfica del Rio Puelo, XIII. 324 +
 Steffen, H. (J.), und Kruger: Exploration of Rio Puelo, Chile, VII. 101
 Steffens, C.: Chinatown in New York, XI. 98 +; Gross-New-York, XII. 100 +
 Stegagno, G.: Laghi Euganei, etc., XVIII. 103 +
 Stege, J. H.: Kahului auf der Insel Maui, XI. 203 +
 Stein, Baron von; Erläuterungen zu meinen Reisen in Süd-Kamerun, XVI. 368 +, 562 §; Expedition des, XVIII. 456 +; XIX. 288 §, 399 +, 638 §, 657 +; XX. 246 +; Forschungsexpedition im Südöstlichen Kamerun, XVIII. 110 +; Ossa-See, Kamerungebiet, X. 638 §; XI. 198 +; Work in S. Kamerun, XIV. 664
 —, und Geyger: Aufnahmen zwischen Kamerun und Sanaga, XII. 325 +
 —, M. A.: Archaeological discoveries . . . of Niya river, XVIII. 549 +; Archaeological work about Khotan, XVIII. 106 +; Archaeological tour with Buner Field Force, XIV. 458 +, 660 §; Journey . . . in Chinese Turkestan, XX. 575 +; Do., preliminary report on, XIX. 769 +; Memoir on maps illustrating ancient geography of Kashmir, XVI. 487 +; Notes on ancient topography of Pir Pansal route, VIII. 309 +, 416 +; on topographical work in Chinese Turkestan, XVII. 409 +; XVIII. 455 +
 —, R.: Arctic exploration, III. 62; IV. 17; Deux années dans les régions arctiques, XX. 249 +; Einheimische Namen an der Kuste von Nordgrönland, XX. 568 +; Expedition to Ellesmere Land, XIV. 571; XVI. 689; Three weeks in Hubbard Bay, XI. 457 +
 Stein Gebirge, Pinzgau, IX. 660
 Steinbach: Gesundheitsverhältnisse der Marshall Inseln, VII. 218 +; Marshall Is., VII. 296*; Klima von Jaluit, V. 285 +
 Steindachner: Scientific expedition to Brazil, XX. 657
 Steindorff: Explorations in Siwa Oasis, XVII. 190
 Steinen, K. von den: Bakairé-Sprache, I. 471 +; Indianerskizzen von H. Florence, XIII. 457 +; Prähistorische Zeichnen und Ornamente, IX. 346 +; Reise nach den Marquesas-Inseln, XIII. 541 §, 684 +; Unter den Naturvölkern-Braziliens, III. 254 +
 —, K. und W. von den: Explorations in Matto Grosso, III. 238
 Steiner, A.: Gesteine der Hohen Tatra, VIII. 306 +
 —, B. C.: History of slavery in Connecticut, II. 475 +
 —, J.: Bedeutung geographischer

STEINER

- Kenntnisse für das Kriegs-Sanitäts-Wesen, XVII. 219 †
- Steiner Alpen, Wandertage in der: H. Hess, IX. 457 †
- Steinhauer, I. S.: First lessons in geography, VII. 224 †
- Steinhauer's map of variation of gravity, XIII. 241
- Steinhoff, R.: Sage von der Harzer Rosstrappe, IX. 232 †; Teufelsmauern bei Blankenburg und bei Thale am Harz, V. 179 †
- Steinhuder Meer: Halbfass, XIV. 110 †
- Steinitzer, H.: Carnischen Voralpen, XVII. 442 †; Wanderung durch die Bergamasker Alpen, XI. 307 †
- Stejneger, L.: Russian Fur-Seal Is., IX. 322 §, 339 †
- Stelling, E.: Magnetische Beobachtungen auf einer Reise nach Urga, IX. 339 †; Resultate der Beobachtungen auf den Ballons . . . in St. Petersburg, XIII. 100 †; Troisième ascension des ballons-sondes, XI. 457 †
- Stemfort, J. W., en J. J. Siethoff: Atlas der Nederlandsche Bezittingen in Oost-Indië, XX. 677 †
- Stenberg, E. G.: Bidrag till Kannedomen om Fidsjiboarne, VII. 682 †
- Stenin, P. von: Biography of S. J. Korshinsky, XVII. 565 †; W. A. Wassiljeff, XVII. 98 †; General-Major M. L. Wenjukoff, XIX. 112 †; Ein Blatt aus der Geschichte Mittel-Asiens, VIII. 649 †; Iwan Wassiljewitsch Muschketoff, XX. 251 †; Jochelsons Forschungen unter der Jukagiren, XV. 81 †; Kreis Surgut in West-Sibirien, VII. 331 †; Natur des Gebietes Jakutsk, XVI. 248 †; Talabskischen Inseln auf dem Pleskauer See, XIX. 523 †
- Stenka, Danube river, VIII. 604
- Stenroos, K. E.: Theriophänologische Beobachtungen in Finland, XVI. 363 †
- Stepanovsky, J.: Shamanism and the Shamans, XI. 207 †
- Stephan, H. von: biography, X. 555 †
- Stephani, F.: Beiträge zur Lebermoos-Flora Westpatagoniens, etc., XIX. 530 †
- Stephen, A.: Annual sanitary report for Assam, X. 648 †
- , L.: Nansen, XI. 323 †
- , Hon. S. A.: Reminiscences of N.S.W., XV. 443 †
- Stephens, E.: Tasmanian half-castes of Furneaux Is., XIV. 686 †
- , G.: Runes, whence came they? 186 †
- , J. E. R.: Piracy from thirteenth to eighteenth century, XX. 251 †
- , J. W. W., and Christophers, S. R.: Malaria investigations in Bengal, XIX. 753; Reports to Malaria Committee of Royal Society, XVIII. 344 †; XX. 252 †; see Christophers
- , T.: Land-routes for exploration

STEVENSON

- of Western Country, XII. 328 †; Madoc: Essay on discovery of America, II. 568 †
- Stephenson, J. G. L.: Notes on section of N. Mexico, XI. 424; Photographs of Mexico, X. 563
- Steppes —
- Steppe region, Russia, population, IX. 658; X. 198
- regions of Polar basin, II. 337
- Steppes, The: E. H. L. Krause, III. 351 †
- of Russia, etc.: A. Krasnov, III. 529 †
- Stereographic projection and its possibilities: S. L. Penfield, XX. 471 †; Use of ditto for maps and sailing charts: Id., XX. 363 †
- Stern, B.: Besuch an den Naphthaquellen auf Apscheron, I. 83 †; Pamir "Das Dach der Welt," I. 565 †; VI. Internationale Geographen-Kongress, XI. 576 †
- Sternberg, F.: Photographs of Balearic Is., XV. 679.
- , G. N.: History and geographic distribution of bubonic plague, XVI. 134 †
- Sterberger See: see Würmsee
- Sterndale, R. A.: obituary, XX. 550; St. Helena, V. 182 †; St. Helena in the present time, XV. 439 †; St. Helena in ye olden tyme, XIV. 118 †
- Sterneek, R. von: Neue Dreiecksnetz . . . österreichisch-ungarischen Mon., XIV. 221 †; Polhöhe und ihre Schwankungen, etc., V. 92 †; Relative Schwerebestimmungen, XII. 438 †; Do., in der Umgebung des Plattensees, XX. 522 †
- Sterzing, Alpine lakes in neighbourhood of: J. Damian, IV. 83 †
- Stettin, von: Journey in Kamerun, I. 357
- Stettin—Geologie und Morphologie der Umgebung Stettins: Dr. Keilhack, XIX. 522 †; Trade Rep., XV. 293 †
- Steuart, D. S.: Mineral wealth of Zcutpanberg, XV. 666 †
- Stener, A.: Pelagische Thierwelt des Rothen Meers, XI. 322 †; XIII. 98 †
- Steven, F. A.: Kachins of Chinese borderland, XII. 96 †
- Stevens, B. F.: Facsimile of unpublished British . . . map of New York, XIX. 414 †
- , Sir C.: Port of Calcutta, XIV. 334 †
- , D. C.: Saldanha bay and its development, XX. 355 †
- , H. N.: on first map containing name America, XIX. 205
- , J. E.: Yesterdays in the Philippines, XIII. 214 †
- Stevenson, F. S.: Armenia, VI. 194 †
- , J.: Ceremonial of Hasjelti Dailjis and mythical sand-painting of Navajo Indians, III. 73 †

STEVENSON

- Stevenson, M. C. : The Sia, VI. 196 +
 —, R. L. : on maps, V. 83
 Stevenson road, E. Africa, XIII. 578, 595 ;
 altitude, VI. 323
 Stewart, Col. C. E. : remarks on "Recent
 journeys in Persia," X. 596
 —, C. E. : Trial survey for railway
 over Outeniqua mts., XIII. 679 +
 —, Sir D. M. : obituary, XV. 653
 —, Sir R. C. : remarks on "Country
 of the Shans," VII. 600
 —, R. W. : "Panoram" of, I. 558
 Stewart river, Alaska, XII. 28
 Steyert, M. A. : Etymologies lyonnaises,
 XVI. 706 +
 Stieler's Hand-Atlas, Neunte Lieferungs-
 ausgabe von, + XIX. 116, 247, 537, 666,
 787 ; XX. 134, 255, 476, 680
 Stierling, J. : Königsgräber der Wahehe,
 XVI. 488 +
 Stiffe, A. W. : Ancient trading centres of
 Persian Gulf, VI. 166 * ; VII. 644 * ;
 IX. 309 * ; X. 608 * ; XIII. 294 * ; XVI.
 211 * ; XVIII. 291 * ; Letter on Maskat,
 XI. 190, 305 ; on circumnavigation of
 Africa related by Herodotus, XVII.
 203 ; on "Marvellous adventures of Sir
 John Maundevile," XIII. 312 ; Persian
 Gulf notes, Kharag I., XII. 179 *
 Stiffler and Gill : Photographs of Sierra
 Madre of California, IX. 120
 Stikine river, Alaska, XII. 24 ; Stikine
 river in 1898 : E. R. Seidmore, XIII.
 564 +
 Stileman, C. H. : Subjects of the Shah,
 XIX. 769 +
 Stillman, W. J. : Union of Italy, XII.
 624 +
 Stirling, E. C. : Physical features of lake
 Callabonna, XVII. 96 +
 —, and A. H. C. Zietz : Fossil
 remains of lake Callabonna, XVI.
 128 +
 —, J. : Address to Geological Society
 of Australasia, X. 231 +
 Stisted, G. M. : True life of Sir R. F.
 Burton, IX. 345 +
 Stiu river, Malay pen., IX. 14
 Stock, F. : Zum neunhundertjährigen
 Jubiläum der ersten Entdeckung
 Amerikas, XVI. 131 +
 Stockholm—
 Conference for International Oceano-
 graphical research, XIV. 646
 Stockholm, die Hauptstadt Schwedens :
 P. Wittmann, VI. 580 +
 Trade Rep., XVI. 246 + ; Do. and
 Eastern Coast of Sweden, XII.
 625 +
 Stoffel, S. : Wege und Stege der Land-
 schaft Avers, XV. 190 +
 Stok, J. P. van der : Nieuwe regenkaart
 van Java, XVI. 697 + ; Tidal constants
 in Lampong and Sabang bay, Sumatra,
 XVII. 209 + ; Two earthquakes regis-
 tered in Europe and at Batavia, XVII.

STRACHEY

- 215 ; Wind and weather, etc., maps of
 E. Indian Archipelago, XI. 109 +
 Stokken ; expedition to Franz Josef Land,
 XVIII. 313
 Stokvis : Colonisation et l'hygiène tropi-
 cale, VIII. 537 +
 Stoll, O. : Ueber xerothermische Relikten
 in der Schweizer Fauna der Wirbellosen,
 XIX. 523 +
 Stolpe, H. : Biography of K. Bahnson, IX.
 686 +
 Stone, E. T. : Catalogue of 6424 stars for
 epoch 1890, V. 92 +
 —, G. H. : Glacial gravels of Maine,
 XVI. 583 + ; Glaciation of C. Idaho,
 XV. 553 +
 —, Sir J. B. : on Photographic Record
 Association, X. 207 ; Photographs of
 Amazon, etc., III. 444 ; remarks on
 "Proposed geographical description of
 British Is.," VII. 358
 —, S. J. : In and beyond the Hima-
 layas, IX. 104 +
 Stone, Small vertical movements of a : H.
 Darwin, XVIII. 342 +
 Stone Age—Materiali per lo studio della
 "Eta della Pieta" : E. H. Giglioli,
 XIX. 661 +
 Stonehenge—Architectural discoveries of
 1901 at : D. J. Blow, XX. 122 + ;
 Attempt to ascertain date of original
 construction : Sir N. Lockyer and F. C.
 Penrose, XX. 122 +
 Stoney, E. W. : Extraordinary floods in S.
 India, XIII. 558 +
 Stopford, J. G. B. : Glimpses of native
 law in W. Africa, XIX. 400 + ; Neglected
 source of labour in Africa, XX. 557 +
 Storch ; on Ethnology of Usambara, VII.
 429
 Stopfjord, Spitsbergen, XIV. 62
 Storm, G. : Columbus på Island og vore
 forfædres opdagelser i det nordvestlige
 Atlanterhav, II. 568 + ; Et brev til pave
 Nicolaus den 5te om Norges, XVI.
 572 + ; Opdagelsen af "Nordkap" og
 veien til "det hvide hav," V. 179 + ;
 Portugisernes opdagelse af søveien til
 Indien, XIII. 329 + ; Venetianerne paa
 Røste i 1432, XI. 566 +
 —, O. J. : Journeys and explorations
 on Pilcomayo river, VII. 82 * ; Reiser-
 opdagelser paa Pilcomayo floden, V.
 285 + ; Río Pilcomayo y el Chaco Boreal,
 VII. 334 +
 Storms and weather forecasts : W. L.
 Moore, IX. 685 + ; Etude sur la loi des
 tempêtes : A. Schwerer, VII. 220 +
 Story of our planet : T. G. Bonney, IV.
 89 +
 Stosch, A. von, IX. 115 +
 Strabo, on voyage of Pytheas, I. 522 ;
 Selections from Strabo, etc. : H. F.
 Tozer, III. 257 +
 Strachey, Sir R. : Conformation of Hima-
 layas, XVI. 527 ; Narrative of journey

STRADELLI

- to lakes Rakas-Tal and Manasarowar, XV. 150 *, 243 *, 394 *; XVI. 247 †; remarks on "Journey across Tibet," I. 404, 407; on "Journeys in Pamirs and C. Asia," II. 398; on "Kurdistan," III. 92; on "Stairs expedition to Katalangland," II. 244, 248; on "Teaching of Geography in relation to history," IX. 438, 440; on "Through Tibet to China," XII. 279; Royal Society's medal awarded to, XI. 75
- Stradelli, E.: *Mappa Geographica do Estado do Amazonas*, XIX. 246 †
- Strahan, A.: on Carboniferous rocks of Lake District, VII. 603; On glacial phenomena . . . in Varanger Fiord, X. 118 †; On origin of river system of S. Wales, XX. 97 §, 241 †, 533; on submerged rock-valleys, XI. 431; remarks on "Sea-beaches and sandbanks," XI. 647; on "Waterways of English Lake-land," VII. 623
- , C.: General report . . . of Survey of India Department, XII. 540 †
- Strahlberg, K. P.: Photographs of Finland, VI. 592
- Straits Settlements—
- Cocos-Keeling and Christmas Is., Papers relating to, IX. 680 †
- Early history: W. A. Pickering, VII. 331 †
- Reports (Colonial), XV. 664 †; XVII. 321 †
- Straits Settlements: W. A. Pickering, VII. 678 †
- Strandes, J.: Portugiesenzeit von Deutsch- und Englisch-Ostafrika, XV. 438 †; XVI. 353 §
- Straneo, P.: *Conducibilità termica del ghiaccio*, XI. 206 †
- Strange, W. L.: Reservoirs . . . in W. India, XII. 431 †
- Strangways, C. F.: Glacial phenomena near York, VIII. 649 †
- "Strapellini" di Plinio: G. Grasso, VIII. 648 †
- Strathcona, Lord: Canada and the Empire, XVIII. 332 †
- Strathdearn and Aviemore railway, Geological notes on: T. D. Wallace, XIV. 579 †
- Strauch, F.: Nomenclature in W. Pacific, XV. 425
- Stream-erosion, etc.: *see* Rivers
- Streck, M.: Alte Landschaft Babylonien, XVII. 675 †
- Street, A. H.: Wrecks and casualties in Indian waters, VII. 678 †
- , H.: on Br. Guiana frontier delimitation, XVII. 193
- Streich, V.: Scientific results of Elder exploring expedition, II. 566 †
- Streicher, Mgr.: L'Ouganda, XIII. 455 †
- Strele, G.: Wildbäche und ihre Verbauung, XVI. 374 †

STUPART

- Streng, A. E.: Djupkarta öfver Lojo sjö, XIV. 332 †
- Streun, G.: Nebelverhältnisse der Schweiz, XX. 240 †, 450 §
- Strike-valleys of Lake District, VII. 613
- Strickland, J.: Documents and maps on boundary question between Venezuela and Br. Guiana, etc., IX. 343 †, 446 §
- Strindberg, N.: Karth öfver Amsterdamön, IX. 684 †
- Stromboli: Archduke Ludwig Salvator, IX. 574 †
- Stromer, E.: Ist der Tanganyika ein Relikten-See? XIX. 507 §, 773 †; Zur Geographie Deutsch-Ostafrikas, XVII. 91 †
- Stromö, Færoes, VII. 18
- Stromyer, C. E.: Conical Surface Equivalent Projection, XX. 363 †; Surface Equivalent Projections, XIX. 406 †
- Strong's I.: *see* Kusaie
- Strozzi, Andrea: G. Uzielli, VII. 119 †
- Struben, F.: Geological sketch-map of Africa S. of Zambezi, VIII. 94
- Struck, A.: Durch Pontus nach Amassia, XVI. 248 †; Eisenbahnen Griechenlands, XIX. 650 †; Philippi, XIX. 229 †; Wodena, XIV. 224 †
- Struggle of the Nations: G. Maspero and A. H. Sayce, XI. 207 †
- Stuart, Prince Charles Edw., Itinerary of: W. B. Blaikie, X. 227 †, 324 §
- Stuart, D.: Struggle for Persia, XX. 56 †
- , J.: Railway communication between India and China, XV. 79 †
- Stuart, Mt., Cascade Mts., XII. 557
- Stuart-Menteath, P. W.: Mode de formation des Pyrénées, IX. 223 †
- Stübel, A.: Verbreitung der hauptsächlichsten Eruptionszentren, XIX. 537 †
- Stuckenberg, A.: Allgemeine geologische Karte von Russland, XIII. 211 †
- Studnicki, L.: Wahrheit über Sibirien, XIV. 335 †
- Stufe di Nerone, mineral springs, X. 433
- Stuhlmann, F.: Aufnahmen in Gebiet des Albert- und Albert-Edward-Sees (map), XIX. 536 †; Aus dem deutsch-ostafrikanischen Schutzgebiete, I. 81 †; Deutsch-portugiesische Grenzgebiet am Rovuma, XI. 198 †; Mit Emin Pascha ins Herz von Afrika, III. 161 †; 500 §; Neue astronomische Bestimmungen in Ostafrika, VI. 488 †; Reise im Hinterlande von Bagamoyo, V. 182 †; Travels in Ger. E. Africa, I. 69, 183 †; Ulugururbe in Deutsch-Ostafrika, VII. 214 †, 314 §; (botanical collection), VI. 283; Zwergvölker am Ituri, III. 531 †
- and Emin Pascha: Uebersichtskarte der Reisen von, I. 94 †
- and Schlobach: Reisen in Usaramo, Ukami, Uluguru, etc., IX. 340 †
- Stupart, R. F.: Climate of Alberta, IX. 106 †; of Canada, XI. 454 †; Earth-

STURDZA

- quakes and the seismograph, XVII.
563 †; Rainfall and lake levels, IX.
107 †
- Sturdza, D. A.: *Lucrările Comisiunei
Europene a Dunărei*, XIV. 452 †
- Stürenburg, H.: *Bezeichnung der Fluss-
ufer bei Griechen und Römern*, XI.
459 †
- Sturgeon-weir river, Canada, VI. 440
- Sturm, F.: *Entstehung der Wasserfälle*,
XIX. 239 †
- Sturt, C.: *explorations in Australia*, IX.
691
- Sturt creek, W. Australia, XI. 275;
natives of, XI. 277
- Stutfield, H. E. M.: *Mountain exploration
in Canadian Rockies*, XIII. 564 †;
*Mountain travel and climbs in Br.
Columbia*, XIX. 528 †; remarks on
"Exploration in Canadian Rockies,"
XIII. 356; XVII. 270
- Sty Head tarn, Lake District, VII. 616,
620
- Suakin: *see* Sawakin
- Suanetia: *see* Svanetia
- Suarez, P.: *Notes on Bolivia*, XX. 469 †
- Subis, Mt., Borneo, XVI. 40
- Submarine boat—*Etude théorique sur la
plongée des sous marins*: Leflaive,
IX. 349 †; *Plan for reaching North
Pole in*, H. Anschütz-Kaempfe, XVII.
435
- cables of the world: G. Herrle,
VII. 685 †; interruptions, X. 259 *
- cañons: E. Linhardt, I. 186 †
- dislocations, X. 280
- gullies, etc.: H. Benest, XIV.
394 †; XV. 88 †
- leakage of artesian water: R.
L. Jack, IX. 113 †
- peaks, *Forms of*: G. W. Little-
hales, VII. 338 †
- rocks, *On geological investiga-
tions of*: J. Joly, XIV. 233 †
- seismic districts, X. 134
- springs, X. 143
- valleys—"La Fosse de Cap
Breton, etc.": J. L. Lobley, XVIII.
633 †
- volcanic action, X. 138
- Sub-oceanic changes: J. Milne, X. 129 *,
259 *
- continental slope of N.
Atlantic, XIV. 327
- physical features off coast of
W. Europe: E. Hull, XIII. 285 †;
XIV. 465 †; terraces and river valleys:
Id., XV. 88 †
- Subterranean waters: C. Morris, XVII.
681 †
- Subterranean exploration: *see* Caves
- Subugo la Poron, E. Africa, IV. 423
- Suchau—*Città di Succin e la sua industria
serica*: L. Nocentini, XII. 323 † *Map of
Country round*: T. Ferguson, XX. 677 †
- Suchitan volcano, C. America, XVI. 478

SUDAN

- Su-chu river, Tibet, III. 379
- Su-Chuan: *see* Sechuan
- Suchum district, Caucasus, V. 78
- Sucio river, Costa Rica, X. 67
- Sucrò, R.: *Hygiene in den Tropen, etc.*,
II. 283 †
- Sudan—
- African Napoleon, An: F. A. Ed-
wards, XVII. 448 †
- Almanac, † VIII. 532; XI. 209; 314
- Antiquities of, XX. 337
- British influence in W.: R. P. Lobb,
XIII. 216 †
- Caoutehou du Soudan, XV. 552 †
- Civilisation in W.: C. H. Robinson,
XII. 633 †
- Compétitions européennes dans le
Soudan Égyptien: J. Léotard, XI.
314 †
- Convention franco-anglaise, XIV.
338 †; XV. 83 †
- Eastern Sudan: C. S. Parsons, XIV.
459 †
- Egyptian Sudan, XIII. 561 †, 562 †
—and its history: E.
Heawood, XIII. 562 †
- , reports on, XIV.
208; XVI. 103; XVIII. 441
- , its loss and re-
covery: H. S. L. Alford and W. D.
Sword, XII. 632 †
- England and the Sudan, XII. 631 †
- Equatorial Province, Notes: A. D.
Milne, XIV. 582 †
- Erforschungsgeschichte . . . des
West Sudan, etc.: P. C. Meyer, XI.
95 †
- Etat Mahdiste du Soudan: G.
Dujarric, XVIII. 328 †
- Fire and sword in the Sudan: Slatin
Pasha, VII. 442 †; VIII. 175 §
- Forests of; C. E. Muriel's report,
XVIII. 442 §, 640 †
- French operations (West and Central)
and territories: *see* Africa, Fr. W.
- Geographical progress in, XVI. 599
- Gordon's Territories: Facsimile of
Autograph Map, XII. 631 †
- Handbook of: Count Gleichen, XIII.
562 †
- Hausa Pilgrimages from W. Sudan,
etc.: C. H. Robinson, II. 451 *
- Heidenneger des ägyptischen H.
Frobenius, IV. 190 †; VI. 466 §
- Histoire de la découverte . . . du
Soudan occidental: H. Schirmer,
XIV. 119 †
- How the Sudan was conquered: F.
A. Edwards, XIII. 323 †
- Letters from the: E. F. Knight, IX.
462 †
- Maps—Large-scale map: J. Bartholomew,
VIII. 199; Sudan and
neighbouring country (Intelligence
Branch), XI. 210 †; Teatro della
Guerra nel Sudan Egiziano, VII.

SUDAN

Sudan—continued.

- 687 †; IX. 472 †; Völker des West-Sudan, etc.: P. C. Meyer, X. 462 †
 Material zum Studium der Arabischen Beduinendialekte: G. Kampffmeyer, XVI. 581 †
 New State of Belda in C. Sudan, VII. 313 †
 Notes for travellers and sportsmen in, XIX. 234 †
 — from the Equatorial Province: A. D. Milne, XIV. 582 †
 Notre Transsoudanien: L. Dex, XI. 314 †
 Omdurman et Fashoda, le Soudan égyptien, etc.: Rouire, XIII. 455 †
 Orthography for native names of places, etc., XX. 467 †
 Photographs of . . . Blue and White Niles and Sobat: C. W. Gwynn, XVIII. 248
 Pyramids and Temples, Orientation of: E. A. Budge, XV. 82 †
 Railways—Chemin de fer du Soudan, IX. 106 †; Military Railways, Sudan Government: C. B. Macauley, XX. 335 †; possibility of railways to W. Sudan, VIII. 499
 Reconquering the: F. A. Edwards, XI. 94 †
 Reorganization by Anglo-Egyptian Convention, XIII. 196
 Royaumes Foulbé du Soudan central: L. Mizon, VI. 195 †
 Slatin Pascia nel Sudan orientale, XIV. 459 †
 Soudan égyptien sous Mehemet Ali: H. Dehérain, XI. 453 †; XII. 306 §
 Sudan question: R. W. Felkin, XII. 631 †
 Sudan, past and present: Sir F. R. Wingate, I. 183 †
 Surveys on proposed Sudan-Abysinian frontier: C. W. Gwynn, XVIII. 562 †; XIX. 656 †
 Ten years in the Mahdi's Camp: Sir F. R. Wingate, I. 85 †
 Tripoli et les voies commerciales du Soudan: T. B. d'Attanoux, VII. 333 †
 Upper Niger and Sudan: L. Nott, VII. 333 †
 Wahrheit über Emin Pasha . . . und den Soudan: V. Hassan and E. M. Baruck, III. 72 †
 Exploration—conditions of travel, X. 371; French expeditions, XIV. 320 (see also Africa, Fr. W.)
 Bericht über seine Reise nach Kordofan: G. Linck, XVIII. 328 †
 Da Lull a Fort Berkeley, Lettera del missionario P. C. Tappi, XX. 669 †
 From Somali coast through S. Ethiopia to Sudan: O. Neumann, XX. 373 *

SUFED

Sudan—continued.

- Journey from Omdurman to Mombasa: H. H. Austin, XIX. 669 *
 — the Nile to Suakim: F. Villiers, XI. 454 †
 Mission Bonnel de Mézières: C. Guy, XV. 297 †
 — chez Samory: M. le Filliâtre, XIV. 681 †
 — Marchand, Lettres de: G. Demanche, XII. 633 †; Marche de: A. Montell, XIII. 455 †
 Missions Liotard et Marchand, XIII. 323 †; Do.: A. J. Wauters, XII. 211 †
 Through the Soudan to Mombasa: H. H. Austin, XX. 357 †
 Trip up the Khor Felus: H. H. Wilson, XX. 401 *
 Vers le Tehad: P. Prins, XVI. 250 †; Voyage au Dar ROUNGA: Id., XVI. 250 †
 Visit to N. Sudan: J. T. Bent, VIII. 335 *
 Sudan, French: see Africa, French West
 Sudbury Nickel District, Geological . . . Studies: T. L. Walker, IX. 463 †; Report on Mining District: J. R. Bell, III. 253 †
 Sudd of White Nile, XV. 234; Permanent removal of White Nile Sudd: Sir W. Willecocks, XVII. 90 †; Sudd of the White Nile: E. S. Crispin, XX. 318 *
 Suderö, Coal in, VII. 5
 Sudeten, Wasserfälle der: P. Herden, XV. 433 †
 Sudhaus, S.: Griechischen und römischen Schriftstellern, XII. 440 †
 Suess, E.: Antlitz der Erde, XIX. 111 †; XX. 472 †; Are great ocean depths permanent? I. 379 †; Asymmetrie der Nördlichen Halbkugel, XII. 638 †; XIII. 308 §; Asymmetry of Northern Hemisphere, XIII. 328 †; classification of pelagic fossils in Trias, VIII. 403; Face de la Terre, XI. 321 †, 440 §; XVI. 130 †; Hot springs and volcanic phenomena, XX. 517 †; New gold discoveries, XII. 440 †; Note sur l'histoire des océans, VII. 338 †; Theories of geographical evolution: J. W. Gregory, XI. 458 †
 Suey tribe, Siam, VIII. 438
 Suez, Gulf of, *Pola* researches in, VII. 180
 — Canal—
 Canal maritime de Suez: M. B. Girard, XVII. 553 †
 Isthme et canal de Suez: J. C. Roux, XIX. 399 †
 Returns of shipping and tonnage, XIV. 336 †
 Sand-dunes in region of, XV. 2
 Short history of engineering works of: Sir C. Hartley, XVI. 580 †
 Sufed Koh, India, XVII. 463

SUFRA

Sufra, Jebel, XVI. 539

Sugar—

Future of our sugar-producing colonies:

J. C. Williams, VII. 341 †

Growth of sugar-beet in U.K.: Sir J. B.

Lawes and Sir J. H. Gilbert, XII.

627 †

Planting in Luchu, V. 461

Statistical aspect of sugar question: G.

Martineau, XIV. 346 †

Sugar Industry on the Continent: Yves

Guyot, XX. 665 †

Sugar-loaf mt., Mozambique: W. A.

Churchill, IV. 352 *

Suidin to Urumtsi, From: V. M. Uspensky,

XIII. 89 †

Suisted, Mrs. J.: From New Zealand to

Norway, VI. 398 †

Sujbulak, Persia, VI. 453; XIV. 520

Suk tribe and country, C. Africa, XIV.

132; XIX. 9

Suk el Khamis, IX. 627

Sukhanevich, M.: on coal-measures of

Sakhalin Is., I. 269

Suleiman range, river gorges, IX. 399;

see also Takht-i-Suliman

Sulemania, Kurdistan, III. 92

Sulima river, Sierra Leone, VI. 125

Sulitelma: V. H. Gatty, XVIII. 632 †;

Gletscher von Sulitelma und Almajalos:

J. Westman, XIV. 676 †

Sullivan-Alexander, H.: Map showing

consumption of French and foreign coal,

XVIII. 651 †

Sulphur springs and baths in Japanese

Alps, VII. 132

———— of Amboni; Bornhardt's

account of, XII. 189

Sultana, I. of; letter from L. Ellis on,

II. 177

Sulte, B.: Valley of Grand river, XV.

553 †

Sulul river, Somaliland, XII. 78

Sumait Arabs, IX. 635

Sumao: *see* Ssemao

Suma Paz or Oriental mts., Colombia,

XVII. 345 †

Sumatra—

Au pays des cannibales: Mme. de Har-

rasowsky, XII. 432 †

Auf Java and Sumatra: K. Giesen-

hagen, XIX. 769 †; XX. 442 §

Batak-Land, VII. 76; Bataker: E.

Fürst, XII. 96 †; Bataksche Hoog-

vlakke: K. T. E. van Bevervoorde, I.

182 †; Hausbau . . . den Battakern

in Nordsumatra: W. Volz, XIV.

335 †

Bijdrage tot Kielstra's Opstellen over

Sumatra's Westkust: P. H. van der

Kemp, III. 531 †

Dwars door Sumatra: H. Zondervan,

IX. 237 †

Een tochtje per prauw langs Zuid-

Samosir, etc.: P. van Dijk, IX.

237 †

SUN

Sumatra—continued.

Ethnographic investigations in: Volz,

XI. 672

Geographisch en ethnographische opstel

over de landschappen Korintji: E. A.

Klerks, VIII. 91 †

Herinneringen uit Oost-Indie, Soema-

tra's Westkust: C. M. Pleyte, XVI.

123 †, 366 †

Inlijving der V. Kota-Kampar: A. L.

van Hasselt, XVI. 123 †

Island of: E. H. Parker, XV. 436 †

Journey across: Van Daalen, XIX.

635

Maps—Bezert in Groot Atjeh, etc.: L.

Thomson, XI. 210 †; Soematra, etc.:

Dornseiffen and C. M. Pleyte, IX.

691

Naar Midden-Sumatra in 1684: F. de

Haan, X. 550 †

Neuesten Fortschritte der Kenntnis von:

C. M. Kan, XIX. 769 †

Old states in island of: G. Schlegel,

XIX. 525 †, 754 §

Phœnician characters from, VII. 212 †,

659 §

Poeloe Weh: E. Heldring, XVI. 697 †

Schöpfung deutscher Elektrotechniker

im Urwald von: Philippi, XVIII.

230 †

Studio dell' isola Sipōra: E. Medi-

gliani, XII. 96 †

Sumatra: P. A. L. E. van Dijk, IV.

281 †

Sumatra's W. coast: D. G. Fairchild,

XIII. 454 †

Tabakkultur in, XVI. 248 †

Tidal Constants in Lampong and

Sabang bay: J. P. van der Stok,

XVII. 209 †

Verplaatsing van eenige Triangulatie-

Pilaren in de Residentie Tapanoei:

T. Muller, VII. 212

Visit to: J. von Brenner, IV. 376 †

W. coast of: E. B. Kielstra, I. 182 †

Zendingen van Ibbetson en Anderson

naar Sumatra's Oostkust: P. H. van

der Kemp, IX. 680 †

Sumba, H. Ten Kate's visit to, V. 164

Sumbu, Tanganyika, I. 526; XIX. 601

Sun—

Dauer des Sonnenscheins im deutschen

Küstengebiete: H. König, VIII.

528 †

Intensität der Sonnenstrahlung in ver-

schiedenen Höhen . . . auf Teneriffe:

K. Angström, XVIII. 341 †

Karte der Winterlichen Sonnenauf- und

Untergänge: H. Vogt, VIII. 194 †

Solar and lunar halos: G. Hellmann's

notes on, III. 240

— and terrestrial magnetism in their

relations to meteorology: F. H. Bige-

low, XII. 329 †

— energy and Earth's surface, I.

541 *

SUN

Sun—continued.

- Soleil, Torre, et électricité: J. Skwortzow, XII. 105 †
 Sun pillars at Winnipeg, XX. 173
 Sunrise and sunset tables (U.S. Hydrographic Office), XV. 87 †
 Sunshine records, X. 306
 Tables of corrected azimuths of, XIX. 110 †
 Theory of the: A. Brester, II. 476 †
 Sunda, height, XI. 628
 Sundal drainage system in C. Norway: R. L. Barrett, XVI. 572 †
 Sundarban of Bengal: C. B. Clarke, VIII. 309 †, 396 §
 Sunday I., Volcanic activity in: S. P. Smith, IX. 109 †
 Sundberg, J. C.: Babylonien, IX. 461 †
 Sundell, A. F.: Askvåden i Finland 1894, XVII. 456 †; Snöäckets höjd i Finland, I. 563 †
 Sunder, D. H. E.: Land Revenue Settlement of Western Duars, Bengal, VIII. 529 †
 Sundt, F.: Fra Kongo, XIII. 322 †
 Sungari river, Manchuria, II. 445, 449; XI. 63; XV. 655
 Sung-pan, China, XIX. 255
 Sung Yun's journey to Pamirs, VIII. 243
 Sunigram, ruins near, IX. 661
 Sunshine and storm in Rhodesia: F. C. Selous, IX. 240 †
 Sunstroke, Remarks on etiology of: L. W. Sambon, XII. 548 †
 Sun-wapta river, Rocky mts., V. 57
 Supan, A.: Allgemeine Erdkunde . . . Schulgeographie, XIV. 690 †; Antarktische Forschung, XII. 102 †; Antarktische Klima, XVIII. 458 †; XIX. 660 †; Bevölkerung der Erde, XV. 188 †; XVIII. 344 †; Biography, XII. 105 †; Bodenformen des Weltmeeres, XIV. 688 †; Borchgrevinks Südpolar-Expedition, XVII. 96 †; Chinas Aussenhandel in 1896, XII. 95 †; Copelands neue Karte von Franz Josef Land, XI. 102 †, 439; Erste meteorologische Jahresreihe aus dem Südpolargebiete, XV. 555 †; Grundzüge der physischen Erdkunde, VII. 221 †; Hauptergebnisse der deutschen Tiefsee-Expedition, XIV. 231 †; Höhengrenze des Baumwuchses in den Vereinigten Staaten, XVI. 252 †; Internationale Geographenkonferenz zu Berlin, XV. 675 †; Meteorologischen Beobachtungen der *Antarctic*, VI. 585 †; Nationalitäten der Preussischen Monarchie, IV. 375 †, 562 §; Norwegische Polarexpedition, X. 653 †; Politische Einteilung Südafrikas, VIII. 93 †; Regentafeln von China und Korea, VIII. 636 §, 650 †; Unbekannte Polargebiete, XI. 581 †; Do., Karte der Grenzen der, IX. 349 †; Ueberschwemmung in der Sahara, XV. 83 †; Verteilung der Armenischen Bevölkerung in Türkisch-Armenien, etc.

SURVEYING

- (map), VII. 342 †; der Erdbeben in Japan, I. 477 †; der mittleren jährlichen Regenmenge auf der Erdoberfläche, XII. 444 †; des Niederschlags auf der festen Erdoberfläche, XI. 688 †; XIII. 61 §; Vertikale Temperaturabnahme in der freien atmosphäre, XIII. 460 †; Vorschläge zur systematischen Erdbenenforschung, XI. 104 †, 573 †
 Superior, lake: see Great Lakes
 Superville, M.: Explorations in N. Ubangi basin, XIX. 89
 Surface, H.: The Helior, XV. 675 †
 Surface waters, temperature, etc.: see Oceans, and special seas
 Surinam—Kart von Suriname: W. L. Loth, XIV. 590 †; Scientific exploration in, under L. A. Bakhuis, XVII. 433
 Survey: W. Jerrold, XVIII. 548 †
 Handbook for: J. Murray, XI. 309 †
 Highways, etc., of: C. Barrett, VII. 328 †
 Origin of gravel-flats of Berkshire and Surrey: H. W. Monckton, XIX. 229 †
 Reduced Ordnance Survey Map: J. G. Bartholomew, VI. 202 †
 Survey and Sussex, Thorough Guide Series: C. S. Ward, IX. 337 †
 Surtshellir, Iceland, III. 268
 Surveying (for particular surveys, see under countries)—
 Aid to land-surveying . . . in English and Burmese: J. G. Clancey, IX. 582 †; X. 124 †
 Auflösung des Zweihöhen-Problems: C. Borgen, XVI. 256 †
 Ausgleichung mehrfach gemessener Höhen bei der Militär-Mappierung: C. R. von Steeb, XVI. 588 †
 ——— trigonometrischer Messungen: A. Weixler, X. 460 †
 Coefficients of expansion of wires of Jäderin base-line apparatus: F. B. Longe, XX. 674 †
 Détermination du point sans sextant: M. Durand-Gréville, IX. 582
 Fixed positions in U.S., H. Gannett's dictionary of, IX. 93
 Geographische Ortsbestimmung an Lande, etc.: O. Tetens, X. 232 †; Do., Neuere Entwicklung der: A. Marcuse, XIX. 780 †; Do. ohne astronomische Instrumente: P. Harzer, XI. 320 †; XII. 83 §
 Hammer - Fennel'sche Tachymeter-Theodolit: E. Hammer, XIX. 660 †
 Manuel de l'explorateur, etc.: E. Blim et Rollet de l'Isle, XIII. 328 †
 Marine surveys, IV. 264; in 1837, IX. 591
 Photographic, VIII. 406; XI. 687; Application of photography to topographic surveying: G. Heimbrod, VII. 567 †; VIII. 406 §; Del rilevamento fototopografico: P. Paganini, I. 89 †; V. 398 †; Geographical longi-

SURVEYING

Surveying—continued.

- tudes by photography: H. G. Schlichter, II. 423*; III. 150; E. H. Hills on, XII. 620; Méthodes photographiques en topographie: Noé, X. 232†; Paper on: J. B. Lee, XVI. 256†; Photogrammetrische Terrainaufnahmen: A. von Hübl, XVI. 587†; Photography applied to surveying: H. A. Reed, I. 380†; Phototheodolite for astronomical observations, II. 558; Photo-topography, XX. 424; Progrès de l'art de lever les plans, etc.: A. Laussedat, I. 282†; Sonnenhöhe . . . bei photographischen Aufnahmen: P. Matthieu, XII. 329†; Thätigkeit der Photographie-Abtheilung, Militär-Geogr. Inst.: F. Pichler, XVIII. 459†; *see also* Photography
- Practical and precise survey: G. F. Richardson, XVIII. 459†
- Practical nautical surveying, etc.: J. A. Hull, XIII. 685†
- Railway surveying with tacheometer: H. G. Dempster, XVI. 256
- Recherches sur les instruments, les méthodes . . . topographiques: A. Laussedat, XIII. 459†; XVIII. 238†
- Ship's position—Bestimmung des schiffs-ortes . . . ohne Konstruktion: G. Bolwin, XVII. 562†; Determination de la position du navire quand l'horizon n'est pas visible: E. Decante, XVII. 562†; Do., du point sans sextant: E. Durand-Greville, IX. 582†
- Surveying and surveying instruments: G. A. T. Middleton, XX. 363†
- as practised by civil engineers and surveyors, etc.: J. Whitelaw, XX. 673†
- Topographic surveying: G. Heinbrod, XVI. 587†; Do.: H. M. Wilson, XVIII. 340†; XIX. 75§
- Topographische Aufnahmen auf Reisen: O. Baumann, IV. 90†
- Ueber die Englische Landesaufnahme in Europe und Vorder-Indien: W. Stavenhagen, XIX. 532†
- Zur Höhenberechnung: O. Fulst, XVI. 587†
- Survey, Ordnance: *see* Ordnance Survey
- Susa, Acropolis of: Sir F. Goldsmid, I. 437*; Explorations at: W. Boscawen, XIX. 769†; L'Acropole de Susa: M. Dieulafoy, I. 182, 437§
- Sushitna river, Alaska, XIX. 611; Do.: W. A. Dickey, XI. 70§, 201†
- Susiana, Identification of, I. 439, 441
- Sussex: F. G. Brabant, XVII. 319†
- Bygone Sussex: W. Axon, IX. 235†
- Coast, IX. 538
- Fragment of Geography of England: H. R. Mill, XV. 205*, 353*
- Handbook for: J. Murray, I. 564†

SWAKOPMUND

Sussex—continued.

- Natural Gas in: C. Dawson, XII. 626†
- Surrey and Sussex; Thorough Guide Series: C. S. Ward, IX. 337†
- Susu tribes, W. Africa, X. 386
- Suswa, mt., E. Africa, IV. 314
- Sutherland, A.: De Quiros and discovery of Australia, XIX. 530†; Geography of Victoria, III. 75†
- , W.: Along a Shan road, XI. 683†; Possible cause of earth's magnetism, XVI. 589†
- Sutherland—
- Geology and scenery of: H. M. Cadell, VII. 561†; VIII. 181§
- Place-names: J. Mackay, VIII. 649†
- Scenery of: H. M. Cadell, VI. 484†
- Sutherland mts., formation, II. 229
- Sutlej river, XV. 248
- Sutorman mts., Montenegro, IV. 391
- Sutton, J. R.: Do mining operations affect climate of Kimberley? XVI. 367†; Origin of mud rushes in De Beer's Mine, XII. 433†; Sunshine at Kimberley, IX. 576†; Winds of Kimberley, XVI. 367†
- , W. T.: Mining section in Alberni district, VII. 564†
- Suvadiva, Maldive Is., XIX. 281
- Suwa-no se-jima, V. 292
- Suwisi river, Nyasaland, V. 121
- Suzuki, O.: Our future trade in Siberia, XI. 92†
- , T.: Ashio copper mine, XIII. 90†; Topography of environs of Hamada, XI. 195†
- Svanetia, notes on: Prince Eristoff, XII. 206†; N. Zhukoff's description of glaciers of, V. 378; Valley of, VIII. 155
- Svansberg, Spitsbergen, XVII. 434
- Svartisen, Norway—Om Svartisen og dens gletschere: J. Rekstad, I. 82†
- Svedenborg, G.: Flybojen från Andréexpeditionen, XV. 671†
- Sverdrup, O. N.: biography, X. 343†; expeditions, X. 98, XII. 82, 527; XIII. 7, 136; XIV. 448, 571; XX. 6, 434, 482, 574
- Sverdrup's I., Kara Sea, IX. 474
- Sverintzeff: *see* Swerinzew
- Svinö, circular holes in cliffs of, VII. 4
- Sviyagin: E. Manchuria, XI. 311†
- Swadzi river, E. Africa, II. 409
- Swahili—
- Aus dem Lande der Swaheli: G. Meinecke, VII. 442†
- Language, IX. 392
- Schilderungen der Suaheli von Expeditionen, etc.: C. Velten, XIX. 398†
- Sitten und Gebräuche der Suaheli: C. Velten, XVI. 488†
- Slave traders, VII. 409, 412
- Swakop river, S.W. Africa, II. 43
- Swakopmund, einst und jetzt: K. Dove,

SWAN

- XIX. 233 †; Vegetationsverhältnisse in, XVIII. 329 †
- Swan, R. N. W.: Discovery of fresh ruins in Mashonaland, II. 438 †; Examination of ruins at confluence of Lotsani and Limpopo rivers, II. 263; Geography and ethnology of Mashonaland, III. 252 †; Letter on ruins in Mashonaland, I. 275, 465
- Swarowsky, A.: Entstehung und Dauer der Weltmeere, II. 92 †; on snow-layer in Austrian Alps, IX. 557
- Swastika, earliest known Symbol: T. Wilson, X. 654 †
- Swat or Lundai Sin river, Letter from H. G. Raverty on discovery of, VIII. 525
- district, V. 423
- "Swath of no ground," Ganges mouth, XIV. 410
- Swatow—Map of neighbourhood of: W. Riddel, XV. 450 †; Trade Rep., XIV. 457 †; XVI. 486 †
- Swayne, E. J. E.: Expedition to Nogal valley, III. 72 †
- , H. G. C.: Photographs of Somaliland, IV. 584; Report on reconnaissance of N. Somaliland, II. 90 †; Seventeen trips through Somaliland, VI. 582 †; XVI. 700 †; Trip to Harar and Imé, II. 250 *
- Swaziland: A. M. Miller, XVI. 251 †
- Correspondence relative to affairs of, XIV. 228 †
- Geology of: R. Jones, XIV. 118 †
- Photographs: G. Allan, IV. 384; H. V. Melville, IV. 584
- Sketch-map of: A. M. Miller, VIII. 539
- Sweden (see also Norway, and Scandinavia)—
- Aus dem südlichen Schweden: F. Hansen, XII. 94 †
- Boring for fresh water through granite rocks, X. 465
- Centraljämtiska issjön: G. Andersson, IX. 678 †; XII. 428 †
- Climat de la Suède: M. Egnel, XVI. 695 †
- Coast-line: A. Hollender on changes of, XVIII. 617
- Déterminations des éléments magnétiques . . . en Suède: V. Carlheim-Gyllensköld, VII. 328 †
- Från Svenska Barrskogar: A. N. Lundström, XV. 294 †
- Geografiska och Kartografiska arbeten i Sverige: S. Lönborg, XVIII. 322 †
- Gletscher von Sulitelma und Almajalos, J. Westman, XIV. 676 †
- Hästens förekomst i Sverige under Stenåldern: G. Andersson, XVIII. 228 †
- Hydrographic observations in Skagerrak, II. 363; research in Baltic and North Seas: O. Pettersson, V. 184 †; Preliminära resultat . . .

SWEDEN

Sweden—continued.

- vattenhöjd-iakttagelser vid Sveriges Kuster: P. G. Rosén, VIII. 189 †, 295; proposal for international research in N. Atlantic, XI. 609
- Levelling and sea-level observations on coast, VII. 234; P. Rosén on, VIII. 189 †, 295 §
- Maps—Generalstabens Karta öfver Sverige, †IV. 94; VI. 590; IX. 118; XI. 108; XIII. 333; XVII. 220; Sveriges Geologiska Undersökning, †III. 258; VIII. 314, 413; XII. 625; XIV. 348; XX. 677
- Mining, etc., industries of: B. H. Brough, XI. 193 †
- Något om äldre Kamerala handlingars betydelse för geografisk forskning: G. Huss, XX. 121 †
- Nivåförändringar efter Människans Invandring: A. Hollender, XVIII. 617 §, 534 †
- Nya Vidrag till Vermlands och Dals bryogeografi: N. C. Kindberg, XVI. 246 †
- Observations météorologiques Suédoises, etc., IV. 458 †; XIV. 578 †
- Om de äldsta Kartorna öfver Sverige: S. Lönborg, XVIII. 228 †
- Om de af Svenska sällskapet för antropologi: G. Retzius, XV. 661 †
- Om farleden till Upsala och Fyris-åns reglering: G. Nerman, XX. 121 †
- Om några genombrottsdalar . . . fjälltrakter: A. G. Högbon, VII. 561 †
- Om sveriges zoologiska hafsstation Kristineberg: H. Théel, VII. 109 †
- Pflanzenleben in nordschwedischen Hochgebirgen: A. Cleve, XIX. 523 †
- Physische Geographie von Schweden: G. Andersson, XVI. 121 †
- Pression atmosphérique moyenne en Suède: H. E. Hamberg, XIV. 676 †
- Schwedens Högfjällsgebiet: J. G. Schoener, X. 226 †
- Southern Sweden: E. W. Mellor, VIII. 189 †
- Studier öfver Sveriges politiska gräuser: R. Kjellén, XV. 661 †
- öfver vattenförhållandena i svenska sjöar: G. Nerman, XVI. 246 †
- Svenska Turistföreningens Arsskrift, †XIV. 332; XVI. 121; XVIII. 228; XX. 351; Guide, XII. 322 †
- Sverige i utländska Kartverk: H. Byström, VII. 561 †
- Sveriges temperatur-förhållanden, etc.: N. Ekholm, XV. 662 †
- Telegraphische Langenbestimmungen: P. Rosén, VII. 109 †
- Trade Rep., XII. 625 †; (Stockholm and E. coast), †XIV. 676; XVI. 246; XVIII. 322

† Bibliographical entry.

§ Review or analysis.

SWEDEN

Sweden—continued.

- Trip to Sweden: Thule S.S. Co., XII. 322 †
- Turfmoor Stormur in Gestrikland: G. Hellsing, IX. 234 †; Torfmoor-untersuchung aus dem nördlichen Nerike: R. Sernander und K. Kjellmark, IX. 234 †
- Urkalstenarns topografi och den glaciala erosionen: A. G. Högbom, XIV. 577 †
- Vorkommen des Pferdes in der Schwedischen Steinzeit: R. Palleske, XVIII. 633 †
- Voyage en Suède: A. Lefebvre, XX. 240 †
- Expeditions—
- Antarctic, XVIII. 448; XIX. 761
- Arctic, III. 419, 433; IX. 95; X. 641; XII. 385; XIII. 542; (Andrée search expedition), XII. 419; E. Greenland expedition: A. G. Nathorst, XIV. 534; Spitsbergen (degree measurement, etc.), III. 163 †; XVI. 111, 567, 688; XVIII. 626
- Arctic expedition of 1898: A. G. Nathorst, XIV. 51 *, 155 *
- Ett önskningsmål för den svenska polarforskningen: A. G. Nathorst, X. 459 †
- Rapport angående 1896 års Svenska polarexpedition: S. A. Andrée, IX. 111 †
- Tierra del Fuego, VIII. 640 †
- Swedish Foreland, King Charles Land, XIV. 74, 161
- Sweet, L.; remarks on "Circumnavigation of lake Bangweolo," XII. 260
- Svenander, G.: Beiträge zur Fauna der Bären-Insel, XIX. 531 †
- Sweney, M.: Sketch of sea approaches to the Mersey, VII. 561 †; VIII. 294 §
- Swerinzew, P.: Zur Entstehung der Alpenseen, IX. 685 †
- Swettenham, Sir F. A.: Discussion on "British rule in Malaya," VIII. 92 †; Malay sketches, VII. 330 †; remarks on Malay Pen., VIII. 449; Report on Federated Malay States, XI. 178 §, 452 †; XVIII. 326 †; The real Malay, XV. 436 †
- Swift: Selections from his works, ed. H. Craik, II. 382 †
- Swinton, A.: Photographs of Hawaii, Samoa and St. Helena, IX. 472; X. 128; of Jamaica, X. 563; St. Helena, VII. 688; View from the Ridge, St. Helena, VIII. 316
- Switzerland (see also Alps)—
- Allmenden des alten Landes Schwyz: T. Felber, XIX. 523 †
- Altersfrage des Löss: A. Gutzwiller, XIX. 523 †
- Annuaire de la Suisse pittoresque, etc., V. 87 †

SWITZERLAND

Switzerland—continued.

- Anthropologie de la Suisse: E. Pittard, XVI. 121 †
- des populations primitives: A. Schenk, XIX. 104 †
- Aperçu sur la topographie en Suisse: H. L. Coulin, V. 87 †
- Bergreisen . . . in der Schweiz von dem 19 Jahrhundert: H. Dübi, XIX. 104 †
- Bibliographie der Schweizerischen Landeskunde: J. H. Graf, † I. 181, 564; III. 436; IX. 679
- Bosco, das einzige deutsche Dorf im Tessin: W. Halbfass, XI. 308 †
- Cartographie moderne de la Suisse: J. J. Loehmann, XI. 308 †
- Census, II. 89 †; Recensement fédéral de la population en 1900, XVIII. 208 §, 228 †
- Deutsches und französisches Volkstum in der Schweiz: J. Zemmrich, XIII. 676 †
- Diversion of a river in: J. Eberli, II. 277
- Eboulement préhistorique de Flims: M. A. Kraft, XX. 240 †
- Ethnogenie des populations helvétiques: A. Schenk, XVI. 121 †
- Geographical documents discovered in, XIV. 286
- exhibition, IX. 116 †
- Institute of University of Berne; Papers by T. Steck and R. Zeher, III. 158 †
- Geographisches Lexikon der Schweiz: C. Knapp and M. Borel, XVI. 573 †
- Geography teaching in Switzerland: J. B. Reynolds, XV. 184
- Géologie de la région comprise entre le Sanetsch et la Kander: M. Lugeon, XVII. 547 †
- Geologische Nachlese: A. Heim, XII. 428 †
- Germanisierung der Rätomanen in der Schweiz: A. Sartorius, XVI. 246 †
- Glacial deposits, Pre-glacial valleys, etc.: C. S. du R. Preller, VII. 655 §; VIII. 414 †
- Gravity—Lotabweichungen in der Westschweiz: J. B. Messerschmitt, IV. 88 †; Relative Schweremessungenbestimmungen: Id., VIII. 528 †; XI. 89 †
- Handbook: Baedeker, † II. 378; VI. 294; X. 453; XIV. 677; XVIII. 634; Murray, II. 378 †
- Inondations et reboisement de nos montagnes, XII. 202 †
- Lakes, VII. 655; surveys, IV. 244; Glacial origin of, I. 481; Organismes inférieurs à la surface de quelques lacs suisses: E. Pittard, X. 342 †
- Language boundaries in Grisons and Ticino, Menghius on, XII. 310
- Maps—Atlas graphique et statistique de la Suisse, IX. 679 †; Carte murale de

SWITZERLAND

Switzerland—continued.

- la Suisse pour les écoles: J. J. Lochmann, XIX. 104 †; Geologische Karte der Schweiz: A. Heim und C. Schmidt, V. 93 †; Karte der Schweizer Alpen: H. Ravenstein, X. 658 †; London Atlas map: Stanford, I. 238 §, 286 †; Schweiz: F. Handtke und A. Herrich, VI. 202 †; Topographischer Atlas der Schweiz (Swiss Federal Staff), † I. 573; III. 442; V. 286; VII. 226; IX. 470; XI. 578; XV. 305; XVIII. 117; Zweisimmen-Gemmi, I. 573 †
- Milieu géographique suisse comme facteur du développement: W. Rosier, XVI. 573 †, 695 †
- Nebelverhältnisse der Schweiz: G. Streun, XX. 240 †, 450 §
- Photographs: J. Jackson, V. 192
- Physician's holiday, or, A month in: J. Forbes, I. 474 †
- Pluie en Suisse et à Genève: R. Gautier, XIV. 224 †
- Population des communes de la Suisse, XX. 553 †
- Racine des Préalpes suisses: M. Lugeon, XVII. 547 †
- Railways—Chemins de fer Suisses: E. Hubon, X. 548 †
- Rapport du Bureau fédéral des Assurances, etc., X. 453 †
- Régime des eaux en Suisse, VIII. 529 †
- Relief der Schweiz: J. Früh, X. 226 †
- River system and watercourses of, P. Chaix on, IX. 318
- Scenery of: Lord Avebury, VIII. 308 †
- Schweizerische Dreiecknetz: J. B. Messerschmitt, XX. 240 †; Schweiz. geodätischen Kommission: Id., XIII. 211 †
- Landschaft einst und jetzt: E. Brückner, XVI. 573 †; XVII. 445 †
- Schweizerischer Torfmoore: E. Neuweiler, XIX. 229 †
- Schweizerisches Ortschaftenverzeichnis, VI. 294 †
- Statistique de la Suisse, IX. 678 †; XI. 308 †; (Annuaire) † III. 435; V. 180; VII. 440; IX. 679; XII. 625; XVI. 573; XVII. 672; XIX. 523
- Suisses en dehors de la Suisse: Zobrist, X. 453 †
- Topography and geography of: J. H. Graf, III. 436 †
- Torrents, P. Chaix on prevention of, I. 263; Correction of: A. de Salis, I. 374 †
- Trade Rep., XVII. 672 †
- Verbreitung . . . der Deutschen in der französischen Schweiz: J. Zemmrich, V. 180 †
- Wege und Stege der Landschaft Avers: S. Stoffel, XV. 190 †
- Xerothermische Relikten in der Schweizer Fauna: O. Stoll, XIX. 523 †

SYRIA

Switzerland—continued.

- Zürcherische Oberland: A. Bosshard, VIII. 414 †
- Sydney, Map: H. Robinson, XIII. 464 †; Sydney in its commercial aspect, IX. 465 †
- Sykes, Miss E. C.: Through Persia on a side-saddle, XII. 97 †
- , M.: Journey east of Jebel ed-Druse, XIV. 116 †; Through five Turkish provinces, XVII. 551 †
- , P. M.: awards to, XIII. 654; XIV. 104; XIX. 629, 647; Fourth journey in Persia, 1897–1901, XIX. 121 †; journeys in Persia, XIII. 656; on Marco Polo's itinerary through Persia, XVI. 472; Photographs of Persia, XIX. 248; Recent journeys in Persia, X. 568 †; XI. 452 †; remarks on "Journey from Quetta to Meshed," XX. 86; on receiving Patron's medal, XX. 114; Ten thousand miles in Persia, XX. 92 §, 243 †
- Symi, L'île de: H. Hanttecœur, XIX. 397 †
- Symons, G. J.; biography: H. S. Wallis, XVI. 133 †; Extremes of temperature in London, etc., XIV. 113 †; Rainfall records in British Is., III. 344; remarks on "Fragment of geography of England," XV. 377
- , and H. S. Wallis: British rainfall, XIV. 678 †; Distribution of rain over British Is., XII. 627 †
- Synoptical charts applied to military subjects: B. R. Ward, XV. 675 †
- Syr Daria—Wassermenge des Sir-darya, etc.: S. Hedin, III. 514 §, 531 †
- Syria—
- Altsyrische Baukunst: H. Feigl, XII. 630 †
- Economic state of Syria and Palestine: A. M. Birkenheim, XII. 209 †
- Historical geography, IV. 451
- Historisk-topographiske Bidrag, etc.: T. Ostrup, VII. 678 †
- In Syria: F. Carrel, V. 89 †
- Journey east of Jebel ed-Druse: M. Sykes, XIV. 116 †
- Liwa Haleb, etc.: M. Hartmann, IV. 188 †
- Mission scientifique en Turquie d'Asie: J. Parisot, XV. 193 †
- Notice sur quelques cartes syriaques: F. Nau, IX. 114 †
- Nuova carta della regione ad oriente del Mar Morto: P. Manfredi, XIV. 116 †
- Oberhummer's journey through, IX. 322; Reise durch Syrien und Kleinasien: R. Oberhummer, XI. 296 §, 310 †, 326 † (map), 566 †
- Oppenheim, Baron von: Explorations in, XV. 276; Journey in Syrian desert, III. 531 †
- Post's explorations in N., II. 168
- Railway, III. 59; Chemin de fer de

SYRIA

Syria—*continued*.

- Beyrout à Damas, etc.: J. Parisot, XII. 209 †
 Syria and Arabia: A. G. Wright, V. 282 †
 Syrie: Chevrillon, XII. 209 †
 —, Liban et Palestine: V. Cuinet, XII. 209 †; XVII. 675 †
 —, Palestine, comprenant le Sinai, etc. (Guides-Joanne): A. Chauvet et E. Isambert, VIII. 310 †
 Syriens Rolle im Welthandel: A. Schulz, XIX. 232
 Topography of N.: H. G. Tomkins, III. 252 †
 Trade of Beirut and coast (F.O. Rep.) XIV. 582 †; XVIII. 639 †
 Travels in S.: R. P. Jullien, I. 182 †
 Two years in Palestine and Syria: M. Thomas, XV. 193 †
 Szanto, K.: Geschichte der Stromregulierung im Oberen Csalló Köz, XVIII. 102 †
 Szechenyi, Graf B.: Reise in Ostasien, XII. 95 †; XIV. 114 †; Wissenschaftlichen Ergebnisse der Reise in Ostasien, III. 159 †; (Review by Baron von Richthofen), III. 311 §
 Szirbusz, G.: Trockenlegung des Ecsedermoores, XV. 189 †
 Szontágh, N.: Lebensweise . . . der Gemse in der Hohen Tatra, VIII. 306 †

T

- Tabaran, ancient town, VII. 67
 Tabary, C.: Huit jours en Kabylie, XIII. 321 †
 Tabbas desert and town, Persia, VII. 38
 Taber, C. A. M.: Ice Age, Past and Coming, XIII. 331 †
 Tabia or Marsa, IX. 627, 632
 Table mt., Mozambique; Churchill's visit to, V. 272
 —, mts., S.W. Africa, II. 66
 Tabora, Geographische Lage von: von Danckelmann, III. 426 §, 439 †; position of, XVII. 429
 Tabriz, Persia, XIV. 515; Plan: Tabriz Military College, VI. 104 †
 Tacchini, P.: Carte magnetique d'Italia, etc., V. 279 †; Insolazione . . . d'Italia, IX. 677 †
 Tachéographie: F. Schrader, VIII. 194 †; XIX. 406 †
 Tachienlu or Darchendo, I. 401; longitude, IV. 54; Ta-chien-lou à Tsé-kou: J. Soulié, X. 549 †; tea trade, VI. 473
 Tachin river, Siam, VI. 404
 Ta Choh pass, X. 23
 Tacoma—Hafenstadt Tacoma und ihre Umgebung: J. Röhl, XVII. 678 †
 —, mt.—Is it Mt. Tacoma or Rainier? Hon. J. Wickersham, I. 568 †; III. 349 †;

TAKHT-I-TANBUR

- Narrative of ascent of: P. B. Van Trump, IV. 283 †
 Tacubaya, Observatorio Astronomico de; Anuario, IX. 240 †; Do., Longitud del: F. Valle, XI. 455 †; Variación diurna de la declinación magnética en: M. Moreno y Anda, XVII. 556 †
 Tafilét, Morocco, IV. 176
 —, Journey to: W. B. Harris, V. 319 *
 —, Notes sur le: G. Debrel, V. 89 †
 Tafilét: W. B. Harris, VII. 214 †, 274 §
 Taft, Persia, VII. 29
 Taftan volcano, Baluchistan, X. 587; XIII. 657; XIX. 139
 Tagama, Fr. W. Africa, XVII. 140
 Taganrog and district, Trade Rep., † XII. 538; XIV. 577; XVI. 573
 Tagharma peak, Himalayas, VIII. 107; XIII. 54, 445; Valley of, II. 59
 Taghdumbash Daria, Turkestan, II. 62
 —, Pamir, VIII. 33; XX. 580; valley, V. 246
 Taglik, tribe, II. 60; XI. 258
 Tagus river, IV. 369
 Tahrir, Persian Gulf, ruins of ancient town at, 167 †
 Tahiti—
 —, Barrier reef of, XV. 285
 —, Cook memorial, Photographs: F. Homes, XX. 570
 —, Grandeur et decadence des établissements de, Taïti: H. Mager, IX. 580 †
 —, Tahitiier unter französischer Herrschaft, XIV. 342 †
 —, Trade report, II. 170
 Tai hu, lake, China, XIII. 431
 Taimoro, Annual Festival of, XIII. 563 †
 Taimyr plains, IX. 474; XIX. 478
 —, river, XX. 218
 Tainia, Indians of Haiti, III. 51
 Tai-ping Ho, Yunnan, XIX. 271; letter from H. Hayter Duff on, XX. 462; Tai-ping, Lung-kiang, and Kinsha; letter from R. L. Jack on, XX. 111
 Taita highlands, Visit to Tsavo and: C. W. Hobley, V. 545 *
 Taita Ya Bura, height and position, IV. 436
 Taiwan, Trade Rep., XV. 436 †; XVIII. 230 †
 Tajik tribe, C. Asia, II. 59; XVI. 671
 Tajima, N.: Notes on New Caledonia, X. 458 †
 Takalekajo mts., Celebes, VII. 205
 Takapuna lake, New Zealand; Percentage of Chlorine in: J. A. Pond, XVII. 560 †
 Takern, Om fagellifvet i sjön: W. A. Engholm, XI. 89 †
 Take-shima, Luchu Is., V. 292
 Takha, Arabia, ruins at, VI. 124
 Takhta-korum pass, II. 60
 Takht-i-Suliman, Ascent of; letter from A. H. Macmahon on, IV. 465; ruins, VI. 9; *see also* Suleiman
 Takht-i-Tanbur, Persia, XIX. 166

TAKKOLA

- Takkola (Malay Pen.): R. F. St. John, XV. 277 §, 295 †
- Takla Makan desert, IX. 547; X. 209, 313; XI. 247; XVI. 502; ruins, XI. 254; XIII. 161; XX. 594; heat, IX. 549
- Durch die Takla-Makan-Wüste: S. Hedin, VII. 110 †
- Journey through: S. Hedin, VIII. 264 *, 356 *
- S. Hedin's journey across: V. A. Obrucheff, XI. 310 †
- Taku glacier, Alaska, XII. 558
- inlet, Alaska, XIV. 531
- Takuapa, tin-mines at, VI. 531
- Talamanca, X. 58, 72; Exploration de: W. M. Gabb, VII. 217 †; VIII. 420 †
- Ta Lama Tung, Manchuria, II. 447
- Talara, Peru, cable fractures at, XIV. 398
- Talbot, Hon. M. G.; on position of El Obeid, XVII. 428; Rapid or reconnaissance triangulation, V. 399 †
- , R.: Photographische Küstenaufnahmen, VI. 102 †
- Talcahuano, Puerto de: A. Fagalde, VII. 115 †
- Tale Sap, lake, Indo-China, III. 206; VIII. 436; XI. 481, 483
- Tali-fu, lake at, VIII. 572; Prince Henry of Orleans' journey from, VII. 300
- Talko-Hryniewicz, J. de: Anthropologie des Chinois du Nord, XVI. 122 †; Climat de Troitzkossavsk-Kiakhta, XI. 91 †
- Tallack, W.: Penological and preventive principles, etc., XI. 209 †
- Talmage, J.: Great Salt Lake, XIX. 529 †; Lake Bonneville, Predecessor of Great Salt Lake, XX. 670 †
- Taltal (Chile), Department: L. Darapsky, XVI. 702 †; XVII. 534 §
- Talung glacier, Kangehenjunga, XIX. 457; XX. 18
- Talysch, Caucasia—Neujahrsfahrt in das Talyscher-Tiefland: G. Radde, V. 506 †
- Tamai, K.: Erforschung des Tschinwan-Gebietes auf Formosa, VIII. 416 †; Japanische Reise um die Welt, VII. 225 †
- Tamara, Roman town of, X. 514
- Tamatave, Commercial study of: E. Foulonneau, III. 161 †; Notes sur: E. Courtel, XII. 325 †
- Tambo river, Amazons, XVII. 378
- Tamborini, F.: Einwirkung des Menschen auf die Natur, XIX. 240 †
- Tambura, position, XVII. 74
- Tamerlan, Excursion à la capitale de: E. Gallois, XIV. 116 †
- Tamirtin-ula, mts., VIII. 172
- Tampico and works of the Pañuco: P. Voizot, I. 281 †; Tampico harbour works: E. L. Corthell, VIII. 532 †
- Tamsui, meteorological conditions at, II. 442
- Tamuduh Mt., Borneo, I. 204

TANGANYIKA

- Tana, lake, Abyssinia, XVIII. 403
- river, E. Africa, I. 209; IV. 98; bar and estuary, IV. 97; fauna of district, IV. 118; flood seasons, XV. 421; lakes, IV. 298; population of district, VIII. 289; sources, IV. 505; structure of district, IV. 122; tribes, IV. 102
- Exploration of Tana and Juba rivers: F. G. Dundas, I. 376 †
- Notes of Journey on: A. de Pree, XVII. 512 *
- Omerod, R. M.; journey on, VIII. 283 *
- Tanais river, I. 519
- Tanaka, S.: Verkehr Japans mit dem Auslande, VII. 563 †
- Tanala tribe, Madagascar, IV. 175
- Tanana river, Alaska, XIX. 610; navigation, XIX. 757
- Tanc-ga-shima, Luchu Is., V. 291
- Tanfilev, G. I.: Lower Moscow peat-moor, XVII. 546 †; Waldgränzen in Sudrussland, V. 86 †
- Tanga, railway from, IX. 327
- Tanganyika**, lake, I. 526
- Altitude, Lemaire's calculations, XVIII. 443; Note on heights above Sea-level: C. F. Close, XIII. 623
- Belgians at: Comte H. d'Ursel, I. 470 †
- Expedition to Ruwenzori and: G. F. Scott Elliot, VI. 301 *
- Expeditions to—O. Baumann, I. 228; III. 425; Père Dronaux, XIII. 535; XIII. 528; XV. 279, 389, 417, 644; XVI. 227; Ramsay, IX. 326; XIII. 71
- Fishes of, XVII. 36; Report on Collection made by Moore: G. A. Boulenger, XIX. 234 †
- Geology, XVII. 9; Geological notes from Tanganyika Northwards: M. Fergusson, XIX. 232 †; History (physical); J. E. S. Moore on, XII. 313; Ist der Tanganyika ein Relikten-See? E. Stromer, XIX. 507 §, 773 †; Tanganyika est-il un Relikten-See?: J. Cornet, VIII. 297 §, 417 †
- Level, II. 238; III. 418; IX. 326; XIII. 618; XVII. 10; XIX. 601; Père Daull on fluctuations, XV. 65
- Marine fauna in, VII. 663; J. E. S. Moore's researches, VIII. 72; IX. 221; XII. 542 †
- Meaning of name, VII. 378
- Physiographic features of district, X. 298, 300
- Positions on, XVII. 133; Lemaire's, XVII. 659
- Railway, IX. 327; Tanganyika Railway: L. Décle, XIII. 322 †
- Route between Tanganyika and Victoria Nyanza, VI. 316, 319
- Steamers, IX. 327; XIV. 546; XVII. 430; XIX. 601
- Surveying methods, etc.: M. Fergusson, XVII. 37 *, 676 †

TANGANYIKA

Tanganyika—*continued*.

- Tanganyika and countries north of it: J. E. S. Moore, XVII. 1*, 676†
 Trade routes to, XIX. 603
 Voyage on: R. Codrington, XIX. 598*
 Zoological evidence for connection of with the sea: J. E. S. Moore, XII. 98†
 Tanganyika Plateau (*see also* Nyasa-Tanganyika region), VII. 372; XIII. 578
 Journey from Domira Bay to Fife on Tanganyika plateau: C. McKinnon, XIX. 603*
 Journey from Fort Jameson to: R. Codrington, XV. 227*
 Journeys on: F. F. R. Boileau, XIII. 577*; Do.: L. A. Wallace, XIII. 595*
 Plateau du Tanganika, XV. 82†
 Tang Aw, Mekong, VII. 583
 Tangier; Trade Rep., XIV. 460†; Via romana de Tángar a Cartago: D. A. Blázquez, XX. 559†
 Tang-i-Gezi, Bakhtiari mts., IV. 493
 Tang-la: *see* Dang-la
 Tangut, Marco Polo's: E. H. Parker, XVIII. 549†; Tanguto-Tibetan borderland of China and C. Mongolia: G. N. Potanin, III. 345†; Tanguts of C. Asia, III. 463; VIII. 170; XI. 405
 Tangweera: C. N. Bell, XV. 196†
 Tanijud province, Tafilet, V. 332
 Tani-Keli Is., Madagascar, VI. 28
 Tanjong Mas, Malay Pen., VI. 227, 232
 Tankar or Donkyr, C. Asia, XII. 274
 Tankisso, Affluent du Niger: Capt. Devaux, XX. 558†
 Tanna volcano, New Hebrides, VIII. 587
 Tanner, H. C. B.; obituary: Sir H. Thuillier, XI. 556; remarks on "Chitral, Hunza, and Hindu Kush," V. 425; on "Kafiristan," IV. 218
 —, Comm.; on cable-soundings in Pacific, I. 463
 Tannheimer Thal: A. Kübler, XIII. 674†
 Tantalón Castle: Story of the castle and the ship: E. R. Pennell, IX. 117†
 Tan-tan, G. Schlegel on locality of, XV. 277
 Tantet, V.: Excursion en pays Antanosy au XVIII^e siècle, XX. 126†
 Tao-tang-ho: *see* Rhirno-jong
 Tapajos river, Amazons, XVII. 373; Boz do Tapajos, etc.: F. Katzer, XIV. 462†; Géographie des Rio Tapajos: Id., XVII. 94†, 194§
 Tapajoz, T.: As corrientes do Amazonas e o phenomeno da Pororoca, I. 86†
 Tapestry maps, VIII. 483; Weston tapestry maps: W. Bedford, IX. 210*
 Tapirs in Malay Pen., VIII. 385; of Neotropical region, V. 473, 478
 Tappenbeck, E.; explorations in New Guinea, XII. 81; XIII. 437; Verlauf

TARR

- der Kaiser-Wilhelmsland-Expedition, X. 458†
 Tappi, P. C.: Da Lull a Fort Berkeley, XX. 669†
 Taquin, A.: La théorie des volcans, XX. 364†
 Taraba river, W. Africa, XIV. 631
 Tarahumari Indians, Mexico, XI. 425; C. Lumholz's researches, II. 69
 Tarapaca desert, S. America, XVII. 336; Irrigation in: G. E. Billingham, IV. 379†
 Tarapoto, population, IX. 447
 Tarawera mt., geographical changes of, IV. 567; Visit to: H. M. Cadell, X. 123†
 Tarcoles, Costa Rica, X. 62
 Tarducci, F.: Giovanni e Sebastiano Caboto, I. 472†
 Tarentaise: *see* Maurienne
 Targelat, Wadi, and river Cinyps, IX. 631
 Tarhuna plateau, VI. 385; IX. 633; Journey in Tarhuna and Gharian: H. S. Cowper, VII. 150*
 Tarhunis, Arab tribe, VII. 153; IX. 635
 Tariba, Hadramut, III. 205
 Tariff and trade notices, Index, III. 352†
 Tarikh-i-Rashidi of Mirza Muhammad Haidar: ed. N. Elias, trs. E. D. Ross, VI. 194†
 Tarim river, VIII. 636; IX. 552; XI. 657; XX. 307; S. Hedin's explorations, XV. 643
 Taritari I., Gilbert Is., VI. 325
 Tarkwa, Plan of railway from Sekondi to: Shelford and Son, XVIII. 348†
 Tarmelli, T.: Valli epigenetiche, XVIII. 227†
 Tarnovski, G.: Obzor Zakaspijskoi oblasti za 1891 god, III. 347†; Transcaspiia and Khurasan, VII. 213†
 Terns of Lakeland: J. E. Marr, V. 77, 279†; Additional notes, VIII. 308†
 Tarr, R. S.: Arctic sea ice as geological agent, IX. 581†; Difference in climate . . . of Davis' and Baffin's Bay, IX. 684†; X. 442§; Changes of level in Bermuda Is., X. 340†; Cornell expedition to Greenland, VIII. 643; Elementary physical geography, VII. 118†; Evidences of glaciation in Labrador and Baffin Land, IX. 578†; Former extension of Cornell glacier, X. 342†; Geology of Bermuda Is., X. 639; Margin of Cornell glacier, XI. 205†; Physical geography of Texas, III. 349†; Do. of New York State, † VIII. 419; X. 122; XII. 100, 543; XIV. 120, 229, 584; XV. 299; Rapidity of weathering . . . in Arctic latitudes, IX. 581†; Teaching geography, XIX. 783†; The Peneplain, XIII. 97†; Use of physiography in geography study, XVII. 456†; Valley glaciers of Nugsuak Pen., X. 342†;

TARTARS

- Wave-formed cusped forelands, XIII. 97 †
- Tartars, Fish-skin : E. H. Fraser, V. 181 †
- Taru hills, E. Africa, II. 114, 116
- Tashkend, Geographical Society at, XI. 75; population, IX. 658; Tashkend-Orenburg Railway, XX. 453
- Tashkurgan, C. Asia, II. 390; XVII. 410; XX. 582; Earthquake shocks at, VII. 196
- river or Danga Bash, XVI. 519
- Tasiagaluk or Eskimo Seal lake, Labrador, XVI. 686
- Tasman and his journal : T. M. Hocken, IX. 243 †; his life and voyages : T. H. Walker, VII. 684 †; Journal of his discovery of Van Diemen's Land and New Zealand, etc. : J. E. Heeres, XII. 640 †; XIII. 277 §; Manuscript chart showing Tasman's tracks : A. Mault, IX. 344 †
- Tasman glacier, New Zealand, I. 37, 39
- valley, New Zealand, VII. 485
- Tasmania—**
- Aborigines of : H. L. Roth, XV. 301 †; Notes on : G. W. Walker, XII. 328 †
- Discovery of Van Diemen's Land : J. B. Walker, VI. 585 †
- Earthquake of January, 1892 : G. Hogben, XV. 671 †
- Glaciation in : T. B. Moore, IX. 344 †
- Handbook of, XX. 361 †
- Inselkolonie Tasmanien, etc. : H. Greffrath, XII. 215 †
- Land routes for exploration of Western Country : T. Stephens, XII. 328 †
- Magnetic survey of : E. G. Hogg, XX. 672 †
- Marine surveys, IX. 657
- Mineral and land map, X. 562 †
- Original chart of S. and E. coasts of : J. J. Shillinglaw, XIV. 686 †
- Outlines of geology of : W. H. Twelvetrees, XX. 672 †
- Primitive, past and future : Hon. S. P. O. Fysh, XV. 671 †
- Report of Surveyor-General, etc., XX. 562 †
- Tasmania : G. C. Levey, III. 536 †
- and its mineral wealth, XII. 637 †
- at beginning of the century : W. A. Shum and L. H. Ussher, XX. 249 †
- Tasmanian rivers, lakes and flowers : A. Murray, XV. 555 †
- Timber in, Present and future prospects : W. Heyn, XX. 672 †
- Taswell's I., Pacific, VI. 334
- Tatawa Chai, Asia Mi., XIV. 507, 519
- Tatawin, or Fum Tatawin, XI. 586
- Tate, G. P.; grant to, XI. 661; XII. 87; letter on Kech-Makuran, X. 221; Memoir on . . . Ahmadzai Khans of Kalat, IX. 337 †; Photographs of Afghan-

TAVETA

- Baluchistan Boundary, IX. 588; of Br. Baluchistan, etc., XIV. 352; of Kaulun, XX. 680; of railway to Kandahar, XII. 224; Survey of Aden, IV. 175; VI. 28
- Tate, R.: Marine fossiliferous rocks at Kerguelen I., XVII. 560 †, 664 §
- , and J. Dennant: Correlation of marine Tertiaries of Australia, IX. 344 †
- , T.: Malham dry river-bed, VIII. 649 †, X. 535 §
- Tateyama hot springs, VII. 130, 148
- Tatham, W.: Gold-mining in Georgia, XII. 435 †
- Tatra—**
- Frontier between Hungary and Galicia in, XX. 651
- Gebirgstouren in den Bäder Kalkalpen : F. Dénes, VIII. 306 †
- Geologie des Tatragebirges : F. Dénes, XX. 351 †
- Gesteine der Hohen Tatra : A. Steiner, VIII. 306 †
- Glaciation of High Tatra : A. Rehmann, III. 250 †
- Lebensweise . . . der Gemse in der Hohen Tatra : N. Szontágh, VIII. 306 †
- Neue originalkarte der Hohen Tatra : F. Dénes, XIII. 554 †
- Orometrie der Hohen Tatra : E. Loysch, XIV. 576 †
- Physischen Geographie der Tatra-Gruppe : C. Grissinger, II. 88 †, 255 §
- Polnische Tatra : G. Juritsch, XX. 349 †
- Visit to : J. B. Latham, XV. 77 †
- Ta-tsien-lu : see Ta-chien-lu
- Tatsyp-nor, Tibet, XIX. 580
- Ta-tu or Tung river, XII. 233
- Tauern, Orometrisches aus den : F. Schönbberger, X. 292 †, 546 †
- Taufkia station, Nile, XIX. 690
- Taukhe : see Tioghe
- Taumaco or Duff Is., XX. 202
- Taunay, Visconde de : Estrangeiros illustres . . . do Brazil, IX. 464 †
- Taunggyi station, Shan States, VII. 580
- Taunt, H. W.: Goring, Streasley and neighbourhood, VI. 192 †
- Taupo district, Volcanoes of : B. Friedlaender, XV. 670 †
- Tauri river, New Guinea, XIII. 436
- Tauriskerlande, Aus dem alten : H. Grasberger, XI. 308 †
- Taurong river, VII. 200
- Taurus mts., XX. 175, 258; roads and passes across, VIII. 464
- Taute, G.: Die Naturbedingungen . . . für den Verkehr der Oberlausitz, VIII. 411 †
- Tavel, E.: Récits de voyage au Maroc, XVIII. 110 †
- Tavernier, H.: Etude hydrologique sur le bassin de la Saône, XVII. 544 †
- Taveta, forest, IV. 432; Notes on history

TAVSHANLI

- and customs of people of: C. Hollis, XIX. 398 †
- Tavshanli, Mysia, IX. 256; position and altitude, IX. 267, 275; Tavshanli-Emed-Simav road, IX. 270
- Tay firth, Antarctic, VII. 634
- , Loch, Sir J. Murray's survey of, XX. 225
- river—
- Basin, Physical geography of, VI. 470; Survey of lochs of, XVII. 289
- Estuary of: D. Cunningham, VII. 110 †
- Natural history of banks of, VI. 484 †
- Tayacaja (Peru), Monografía de: N. A. Racz, XV. 85 †
- Ta Ya-Ku, Shan States, XIV. 386
- Taylor, A. D.: W. Coast of Hindustan Pilot, XIII. 678 †
- , Miss A. R.: An Englishwoman in Thibet, II. 563 †; W. W. Rockhill on, III. 423
- , B.: A century of sea commerce, XVIII. 460 †; XII. 440 †; Coming struggle in the Pacific, XIII. 220 †; Commercial future, XIII. 460 †; Maritime expansion of America, XVIII. 553 †; Sea-power and sea-carriage, XIV. 346 †
- , C. M.: British Isles through an opera glass, XIV. 677 †; Odd bits of travel with brush and camera, XVII. 445 †; Touring Alaska and the Yellowstone, XIX. 108 †; Vacation days in Hawaii and Japan, XIV. 125 †
- , E.: Up Mackenzie river to the Polar Sea, XIV. 119 †
- , F. B.: Moraines of recession and their significance, X. 653 †; Niagara and the great lakes, VI. 196 †
- , I.: Names and their histories, etc., VIII. 520 §, 536 †
- , J. S.: obituary, XIX. 100
- , L. P. G. D.: Proposed Hudson's Bay and Pacific railway and steamship route, Map, III. 79 †
- , W. A.: Our knowledge of the Antarctic, XIII. 459 †
- Tehad, lake: *see* Chad
- Teheraz, M.: Armenia, country and people, VI. 485 †
- Tehouktches, Matériaux pour l'étude de la langue des: V. Bogoraz, XV. 296 †
- Tea: A. G. Stanton, V. 401 †
- Cultivation in Western Ssuch'uan, etc.: A. de Rosthorn, VI. 485 †, 473 §
- Culture in Assam for 1894, VI. 474
- Districts in Shan States, XIV. 388; XV. 489
- Geographical distribution of tea-plant: J. McEwan, XIX. 408 †; Geography of: Id., XV. 445 †; XVI. 494 †
- Teachers, Teaching: *see* Education
- Teak forests in Siam, VIII. 446
- Teall, J. H.: on Clipperton atoll, XI. 671; on geology of Franz Josef Land, XI. 134

TELEKI

- Te Anau, lake: W. Y. H. Hall's explorations in region of, XV. 70
- Tebang mt., Borneo, XVI. 51
- Tebulos Group, Caucasus, I. 63
- Technogeography, or relation of the earth to industries: O. T. Mason, IV. 475 †
- Teed, T. M.: Photographs of Rio Negro and Upper Amazons, III. 168
- Teesdale, Weardale, and Tyne valley, Glaciation of: A. R. Dwerryhouse, XX. 553 †
- Tegetthoff, discovery of Franz Josef Land, III. 493; VI. 499
- Tegetthof, Cape, Franz Josef Land, X. 186
- Teglas, G.: Altesten Namensvariationen des Flusses Karas, XVIII. 102 †; Early data on the Maros and Tisza (Hungarian), XVIII. 102 †; Felsen-Inschriften der Katarakte in der untern Donau, VII. 107; Nouvelles recherches topographiques sur la Dacie, V. 504 †; Route of Romans in Darian Campaign (Hungarian), XVIII. 102 †
- Tehachipi mts., California, I. 537
- Teheran, height, VII. 165
- From Teheran towards the Caspian: H. J. Wells, VIII. 501 *
- Teheran and Umgegend: A. F. Stabl, XVI. 248 †
- Teheran-Kum road to Ahwaz, XIV. 92
- Tehuantepec, Isthmus of—Interoceanic route across, XIX. 324; Railway: Mrs. Tweedie, XIX. 234 †; Ship railway: E. L. Corthell, VII. 444 †
- Tehuelche Indians, Patagonia, X. 410; XVIII. 578
- Tein, M. von: Niederschlag und Abfluss im Main-Gebiete, XX. 239 †
- Teisserenc de Bort, L.: Variation saisonnière de la température dans l'atmosphère libre, XVII. 326 †
- Teita, E. Africa: *see* Taita
- Teith, Basin of, geology, XV. 344; glaciation, XV. 346
- Teito, height, IX. 390
- Teke-Kale, ancient settlement at, IX. 54
- Teke, valley, VIII. 162
- Telders; on reclamation of Zuiderzee, I. 236
- Tele lake, W. Africa, VII. 99
- Telegraphs (*see also* Cables)—
- Imperial Telegraphic Communication: Sir E. A. Sassoon, XVI. 258 †
- Line across Congo State, I. 67; XII. 317
- Our telegraphic isolation: P. A. Hurd, VIII. 196 †
- Telegraphic system in Fr. W. Africa, XV. 419
- Use in geography, XX. 421
- Teleki, Comte P.: Histoire de la découverte de la Nouvelle-Zemble, XVIII. 104 †
- Teleki ridge and valley, E. Africa, IV. 416; XV. 474

TELEKI

- Teleki volcano, X. 539
 Telephotography: T. R. Dallmeyer, XV. 676 †; Do.: C. S. Shea, XVIII. 345 †; Dallmeyer's Telephotographic lens, I. 367
 Telezkoie lake, Altai: Ignatov's explorations, XVIII. 212; XIX. 370
 Tell er Reesh, etc.: J. E. Hanauer, XIII. 214 †
 Tell-es-Sâfi and Tell Zakariya, Reports on excavations at: F. J. Bliss, XIV. 582 †
 Tellez, H.: Erforschung der Höhlen von Yesal, III. 440 †
 Tellini, A.: Mutamenti nel corso dei fiumi Isonzo e Natisone, etc., XII. 425 †
 Tell Zakariya, excavations at: F. J. Bliss, †XIV. 116, 226, 582
 Telmessos, IX. 51
 Telos, Besuch auf der Insel: F. von Vincenz, XV. 550 †
 Telubin river, IV. 224; On the: H. Louis, IV. 219 *
 Telzoo river, Canada, IV. 445; VI. 438
 Temar, III. 91
 Tembe, Une course au: H. Junod, VII. 564 †
 Tembeling rapids, Malay pen., IX. 6
 Tembiko source of Niger, X. 244
 Tembi Kunda, X. 246; altitude, etc., X. 393, 397; position, VII. 313
 Temborari, or coastal plain of E. Africa, IV. 295
 Temelath, Monastery, Sahara, XX. 514
Temperature (see also Atmosphere)—
 Actions planétaires et la température terrestre: A. Duponchel, XVI. 588 †
 Atmospheric, balloon observations, VII. 542
 Einfluss des Waldes auf die Lufttemperatur, etc.: Muttrich, XVI. 588 †
 Influence des températures élevées sur l'organisme humain: A. Broden, XVI. 591 †
 Lage der Isotherme von 0° C.: E. von Edvi, XIV. 233 †
 Mean Temperature of Atmosphere and Causes of Glacial Periods: H. N. Dickson, XVIII. 516 *
 Measuring extreme temperatures: H. L. Callendar, XVII. 563 †
 Methode zur . . . Messung von Serial-Temperaturen: Baron von Wrangell, XIX. 407 †
 Méthodes à calculer la moyenne diurne de la température, etc.: R. Rubenson, XIII. 328 †
 Minima of temperature on British mountain-tops, XIV. 113 †, 315 §
 Range, XII. 126
 Rapid variations of atmospheric temperature: T. Y. Buchanan, V. 397 †
 Soil: W. Boller's observations, VIII. 301; Temperature of soil, water, and air: H. R. Mill, V. 397 †

TEN KATE

- Temperature—continued.**
 Southern hemisphere, VII. 556
 Temperaturabnahme mit der Höhe in den niederösterreichischen Kalkalpen: W. Trabert, XII. 638 †
 Temperatures of European rivers: H. N. Dickson, VI. 264 *
 Temperaturgang im Jambach bei Galtür: G. Greim, XI. 105 †
 Thermo-geographical studies: C. L. Madsen, XI. 103 †; XII. 618 §
 Underground temperature, Rate of increase: W. J. Sollas, XIX. 239 †
 Variation saisonnière . . . dans l'atmosphère libre: L. Teisserenc de Bort, XVII. 326 †
 Vertikale Temperaturabnahme in der freien Atmosphäre: A. Supan, XIII. 460 †
 Year's maxima and minima of: W. J. van Bebbler, III. 167 †
 Winter temp. and height of barometer: W. H. Dines, XIV. 233 †
 Woeikof's observations, V. 267
 Zusammenhang der Temperatur aufeinander folgender Monate: L. Satke, XIV. 345 †
 Temple, A. G.: England's history as pictured by famous painters, VII. 677 †
 —, Sir R.: obituary, XIX. 644; remarks on "Geography of N.W. frontier of India," XVII. 475; Strategic relation of Persia to British interests, XIV. 581 †
 —, R. C.: Miscellaneous papers relative to settlements in Andaman Is., XV. 549 †; Penal system of the Andamans, XIII. 558 †; Reports on tours of Chief Commissioner of Andaman and Nicobar Is., IX. 320 §, 575 †; Round about the Andamans and Nicobars, XV. 436 †; Selungs of Mergui Archip., X. X. 648 †; Some technical terms and names in Port Blair, XII. 431 †; The name Bassien, I. 375 †; Unpublished document about the Nicobars, XVII. 550 †; Do., Andamans, XVIII. 455 †
 Temple, Mt., Canada, VII. 50, 64
 Tenasserim, S., and Mergui Archip.: W. Sutherland, XII. 540 †; river, VI. 408; trade routes, VII. 416
 Tendurek Dagh, Kurdistan, III. 83
 Tenerife—
 Ascent by H. Meyer, IV. 274
 Insel Tenerife: H. Meyer, VII. 113 †, 331 †; VIII. 397 §
 Journeys in, 1893: A. Krause, IV. 87 †
 Morphométrie de Ténériffe: J. de Windt, XIII. 322 †
 Tengis-bai (Tenghiz-bai) pass, Alai mts. IV. 62; XI. 241
 Teng-ko, III. 360
 Tengri-Nor, lake, Tibet, VII. 467
 Teng-yueh, Yunnan, XIX. 270
 Ten Kate, H.: Reis in de Timorgroep en Polynesië, V. 163 §; VI. 99 †

TENNANT

- Tennant, Hon. Sir D.: Railway System of S. Africa, XI. 199†
 Tennessee rainfall type, II. 369
 Tensift river, Morocco, XIII. 660
 Teramo, Monografia della provincia di: L. F. de Magistris, XII. 537†; Variation of Latitude at, J. J. Boccardo's observations, XV. 541
 Teredon, ancient site and history, IX. 311
 Terek pass, II. 396; III. 446; VII. 453; Geologische Beobachtungen am: K. Futterer, XII. 630†
 ——— province, Caucasus; Trigonometrical determinations in, XII. 186
 Terem, C. Asia, VI. 79
 Tergelat, Wadi, VII. 551
 Terlago lake, Tirol, XII. 186
 Termara, Karia, IX. 46
 Terminology, Geographical: R. T. Hill on, IX. 227; O. Marinelli on, XVI. 113; time as element in, XIV. 483; Was bedeutet Nord? C. Noremberg, XVII. 99†
 Termites—Bedeutung der Termiten für Erdbewegung, etc.: O. Lenz, V. 398†; Rol de los Termitos, etc.: J. Koslowsky, VII. 499†
 Terquem, H.: Ce qu'a coûté le Porte de Dunkerque, etc., XVII. 84†; Le Port de Dakar, XIII. 92†
 Terraba, Rio Grande de, X. 63
 ——— tribe, Grammar, etc., of language of: H. Pittier and C. Gagini, III. 534†
 Terraces—... Systèmes de terrasses de quelques Vallées: De Lamothe, XVIII. 340†
 Terrestrial magnetism: see Magnetism
 ——— refraction and mirage: P. A. MacMahon, VII. 28†
 Terrgurt, Wadi, IX. 622, 629
 Terrier, A.: Deux rives françaises du Sahara, XVIII. 641†; Flottile du Bas-Niger à Say, XVIII. 330†; Région du Chari et la Mission Gentil, XVIII. 109†; Territoire militaire de Zinder et la Convention de 1898, XVIII. 329†
 Terror, Mt., III. 9; XVI. 398; XVII. 489
 Terskaya, Cossack army and history of province, XII. 97†; Statistics, XII. 97†
 Tertala mts., E. Africa, VIII. 137
 Tertenia, C. Africa, XIV. 140
 Teruel, Physical geography of plateau of: A. Dereims, I. 564†
 Tesdorf, W.: Hundert Versammlungen der Königsberger Geographischen Gesellschaft, XII. 220†
 Teslin route to Alaska, XII. 24, 29
 Tete, Zambezi, XIII. 380
 Tetens, O.: Geographische Ortsbestimmung, etc., X. 232†
 Tetrahedral course of geographical lines, XIII. 238; theory of Lowthian Green; letter from A. de Lapparent on, XIII. 449
 Tetzner, F.: Besiedelung und Germanisierung Deutsch-Litauens, VII. 327†;

THEBEEN

- Haus und Hof der Litauer, XI. 88†; In der Kaschubei, IX. 676†; Kaschuben am Lebasee, VIII. 528†; Kuren in Ostpreussen, XIII. 555†; Litauische Sprachgebiet, X. 646†; Philippinen in Ost-Preussen, XIV. 577†; Polaben im hannöverschen Wendland, XVI. 243†; Quer durch Preussische-Litauen, VII. 676†; Slawen in Deutschland, XX. 120†; Tschechen und Mährer in Schlesien, XVII. 207†, 444†
 Teuco river, Argentina, XV. 605
 Deutsch, F.: Art der Ansiedelung der Siebenbürger Sachsen, VI. 192†
 Texas—
 Coast prairie of: R. T. Hill, XIX. 402†
 Hurricanes on coast of: A. W. Greely, XVII. 213†
 Jura of Texas: J. Marcou, IX. 579†
 Lost boundary of: M. Baker, XIX. 529†
 Map: R. T. Hill, XVI. 263†
 Physical geography of: R. S. Tarr, III. 349†
 Soils of: E. T. Dumble, VII. 334†
 Texas of to-day: O. Zerch, II. 475†
 Trade Rep., XIII. 681†; XVI. 253†
 Texcotzingo, Mexico, VIII. 148
 Text books: see Education
 Textilindustrie Europas: G. Webersik, V. 279†
 Tez, Baluchistan, X. 584
 Tha-Anne river, Hudson Bay, Trip on: J. Lofthouse, XIII. 274*
 Thacher, J. B.: Cabotian discovery, XIV. 235†; Continent of America, etc., IX. 106†
 Thackeray, E. T.: From Assam to Kashmir, II. 379†; Two Indian campaigns in 1857–58, VIII. 416†
 Thagana river, E. Africa, IV. 507
 Thaika, Wadi, Oman, VII. 532
 Thai-yuan-fu, V. 261
 Thalamas, A.: Colonies françaises et la géographie, I. 472†; Procédés de description d'un relief, etc., IV. 580†
 Thames, V. 144
 Early navigation, X. 523
 Evolution of: J. W. Gregory, IV. 468†
 Goring, Streatley and neighbourhood, etc.: H. W. Taunt, VI. 192†
 Navigating directions for, etc.: S. Penney, VIII. 415†
 Oxford river, map: Darbshire and Stanford, XX. 133†
 Roman sites on, X. 520
 Severn and Thames divide; A. Strahan and S. S. Buckman on, XX. 97, 533
 Towns on lower, IX. 84
 Tharitia, ruins of, V. 15
 Tharaux, grotto of, France, IV. 60
 Theal, G. McC.: Beginning of S. African history, XX. 125†; Portuguese in S. Africa, VIII. 418†; IX. 324§; S. Africa, XV. 440†
 Thebeen, Bashan, V. 22

THÈBES

- Thèbes: P. Hippolyte-Boussac, XII. 434 †
 Theel, H.: "Bipolaritet" i hafsorganismernes utbredning, XVII. 326 †;
 Sveriges zoologiska hafstation Kristineberg, VII. 109 †
 Thelon river, Canada, XX. 341
 Theobald, F. V.: Monograph of Culicidae or mosquitoes, XIX. 781 †
 Theodolith für magnetische Landesaufnahmen: H. Wild, IX. 111 †
 Théodosie, Port de Mer: L. de Soudak, VIII. 189 †
 Theophrastus on winds and weather signs: trs. J. G. Wood, IV. 581 †
 Theory of the State: G. H. Smith, VII. 685 †
 Therese, Prinzessin von Bayern: Reise in den Brasilianischen Tropen, XI. 202 †;
 Zwecke und Ergebnisse meiner . . . Reise, XVII. 559 †
 Thermo-geographical studies: C. L. Madson, XI. 103 †; XII. 618 §
 Thermometer—
 Deep-sea, IX. 565
 Étude de thermomètre plongeur de la marine française: J. Thoulet, IV. 581 †
 Uniformity in scales, XIV. 544
 Thermophone, VIII. 76
 Thesleff, A.: Dynbildningar i östra Finland, VIII. 413 †, 514 §; Zigenarnes utbredning i Finland, XIV. 332 †
 Thessaly, III. 325; Thessalien und Epirus: A. Philippson, X. 647 †; Trade and agriculture rep., XVI. 244 †; XVIII. 225 †
 Thetta Column, Report, etc.: J. Harvey, IX. 338 †
 Theuka mts., E. Africa, IV. 294; V. 547
 Thiele, L. F. K. von: Through Iceland on a side-saddle, XVIII. 321 †
 —, O.: Volksverdichtung in Regierungsbezirk Aurich, XIX. 393 †
 Thielen, Geography of: A. Haron, IV. 83 †
 Thierry, M.: Eruption volcanique du 8 mai à la Martinique, XX. 470 †
 Thiess, F.: Gouvernement Jakutsk in Ostibirien, XI. 197 †; Handelsfahrten durch das Karische Meer, XII. 207 †
 Thigès, Ancienne ville de: R. Blanc, XI. 95 †
 Thikathika river, E. Africa, IV. 506, 508
 Thilenius, G.: Expedition des Marquis de Morès, IX. 577 †; Fahrzeuge der Samoaner, XIX. 237 †; Geologische Notizen aus dem Bismarck-Archipel, XVII. 95 †, 197 §; Nordwest-Polynesier, XIII. 326 †
 Thimm, C. A.: Arabic self-taught, XV. 91 †; English, French, etc., Vocabulary and dialogues, VIII. 536 †; Hindustani self-taught, XIX. 783 †; Thimm's self-taught library, VIII. 536 †
 Thirion, P.: Kerguelen, Station navale et lieu de déportation, XII. 438 †
 Thirlmere, VII. 616; Beach formation in

THOMSON

- reservoir: R. D. Oldham, XVIII. 105 †;
 Works for water-supply of Manchester: G. H. Hill, IX. 337 †
 Thirring, G.: Bevölkerungsverhältnisse der ungarischen Städte, XIV. 223 †;
 Geschicht des Statistischen Bureaus . . . Budapest, 1869–1894, IV. 469 †; Statistisches Jahrbuch . . . Budapest, XIV. 111 †
 Thirty years of shikar: Sir E. Braddon, VI. 581 †
 Thiselton-Dyer, Sir W.: remarks on "Journey across Tibet," VII. 479
 Thistlewayte, D. S.: Round Fuji to the ice caves, XVII. 89 †; visit to Chillagoe caves, Queensland, III. 335
 Thjorsá river, Iceland, XIII. 487
 Thjorsárdalur, XIII. 260
 Thom, W. T.: Struggle for religious freedom in Virginia, XVII. 452 †
 Thomann, G.: A la côte d'Ivoire: La Sassandra, XIX. 399 †
 Thomas, C.: Report on mound explorations, XI. 196 †
 —, E.: Le Bokaha, notes sur le pays, VII. 564 †
 —, M.: Denmark past and present, XIX. 765 †; Two years in Palestine and Syria, XV. 193 †
 —, O.: Mammals obtained by Sir H. Johnston in Uganda, XIX. 108 †
 —, T. P.: City government of Baltimore, VII. 444 †
 Thomasset: La côte d'Ivoire, XVI. 104 §, 124 †
 Thompson, A. G.: see Morris, H. C. L.
 —, C. S.: At the headwaters of the Bow, XII. 212 †
 —, D. A.: Marine faunas of Arctic and Antarctic, XIV. 588 †; XVI. 587 †; remarks at Royal Society's Antarctic meeting, XI. 422; on biological collections from Antarctic, VII. 518; Report on mission to Behring Sea, X. 650 †
 —, E. H.: Ancient structures of Yucatan, III. 162 †; Ruins of Xkichmook, Yucatan, XIII. 94 †
 —, H. Y.: presentations to R.G.S., VIII. 87; XX. 648
 —, R. W.: Mica mining in . . . Nellore, XII. 432 †
 —, Hon. T. J.: Brazil: its commerce and resources, XIII. 95 †
 —, W.: Saguane, XIII. 683 †
 Thompson L., Antarctic, XIII. 643
 — pass, Rocky mts., XVII. 268
 Thomson, A. S.: Biography, X. 655 †; Remarks on ocean currents, etc., VIII. 424 †
 —, B.: Fiji for tourists, IX. 109 †; Samoa agreement in plain English, XV. 301 †; Savage L. . . Niue and Tonga, XX. 249 †; see Amherst, Lord
 —, H. C.: Rhodesia and its government, XIII. 421 §, 560 †
 —, John: Remarks on "Johore,"

THOMSON

- III. 301; On "Journeys in Fr. Indo-China," II. 211; Through China with a camera, XI. 310†, 433 §; XIV. 114†
- Thomson, Joseph: Biography by his brother, IX. 534 §, 584†; Do.: J. G. Bartholomew, VII. 119†; Do.: W. Wolkenhauer, VII. 339†; Geographical work in C. Africa, IX. 599; Geology of S. Morocco and Atlas mts., XIII. 194; XIV. 337; Map of Brit. C. Africa, Note on bearings, latitudes, etc., I. 121; Memorial to, at Thornhill, X. 101; Obiuary, VI. 289; on mountain ranges in E. Africa, IV. 421; To lake Bangweolo, I. 97*; visit to lake Baringo, IV. 311
- , Mrs. J. A.: From North Pole to Equator (trans. from Brehm; preface on naturalist travellers, by J. A. Thomson), VIII. 182 §
- , J. P.: Address to R.G.S. of Australasia, IX. 683†; XI. 456†; Alleged leakage of Artesian water, IX. 689†; Award to, XIX. 630, 648; XX. 116; Br. New Guinea, I. 88†; Climate and artesian waters of Australia, XIX. 659†; Geographical conditions of city life, XV. 447†; Geographical evolution of Australian continent, XIX. 236†; Land of Viti, III. 349†; Physical geography of Australia, VI. 584†; XIII. 567†; Queensland, XI. 204†; Thomson Gold Medal of Queensland Geographical Society, XX. 661; Viti, V. 91†
- , L. W. J. K.: Kaart van het gebied Bezet in Groot-Atjeh, XI. 210†
- , R.: Trade of Meshed, VI. 567
- , W. C.: Did De Quiros land at Port Curtis? XVII. 679†; Fiji, past and present, XV. 670†; H.M.S. *Lady Nelson*, XIX. 530†; Review of Arctic exploration, XIII. 685†; Supposed ancient wreck near Warnambool, XIX. 403†
- Thonnar, A.: Populations errantes de l'Etat du Congo, XVIII. 550†
- Thonner, F.: Dans la grande forêt de l'Afrique centrale, XV. 194†; Gebiet des Mongalafusses, X. 649†; Im Afrikanischen Urwald, XIII. 322†
- Thorell, S.: Descriptive catalogue of spiders of Burma, etc., XI. 90†
- Thorndike-Nourse: Les valli de la Vénétie, XIV. 455†
- Thornor See, Der ehemalige: E. H. L. Krause, XII. 426†
- Thornton, T. H.: Sir Robert Sandeman, VI. 397†
- Thoroddsen, T.: Award to, IX. 556; X. 109; Biography, XIII. 220†, 462†; Erdbreen in Island 1896, XVIII. 226†; Et to hundrede aar gammelt skrift om islandske Jökler, VI. 580†; Explorations in Iceland, II. 154; IV. 453; IX. 319; X. 536; XII. 496; XIII. 251*, 480*; XIV. 331†; Foreløbige Meddel-

THOULET

- elser . . . i Island, IX. 233†; Forschungen auf Reikjanas, VII. 328†; Fra det nordøstlige Island, VII. 561†; Fra det nordlige Island, X. 225†; Fra det sydøstlige Island, V. 505†; Geological map of Iceland, XIX. 411†; Geologische Karte des nördlichen Island, XII. 644†; Do. des Südöstlichen Island, VII. 226†; Geologiska lagtagelser paa Snæfellsnes . . . i Island, III. 157†; Geschichte der Isländischen Geographie, XI. 677†; XI. 173 §; XII. 427†, 519 §; Hoglandet ved Langjökull paa Island Rejseberetning, XIV. 454†; Hovedresultaterne af Undersøgelser paa Island, XIII. 89†; Island (map), XVIII. 245†; Islandske Fjorde og Bugter, XIX. 394†, 612 §; Islandske forhold i nutiden, XI. 449†; Islands geografiske og geologiske undersøgelse, I. 374†; Jordskjælv i Islands Sydlig Lavland, XI. 680†; XVI. 362†; Nogle . . . islandsk Vulkaner og Lavastrømme, IX. 233†; Nogle lagtagelser over Surtarbrandens . . . nordvestlige Island, VIII. 412†; Rejse i Vester-Skaptafells Syssel, IV. 185†; Untersuchungen in Island, XIII. 556†; Uppdrattur Islands, XVIII. 346†
- Thorold, W. G.: Journey across Tibet with H. Bower, I. 386; plants collected in Tibet, IV. 64
- Thorpe, W. G.: Remarks on "Attempt to reconstruct maps used by Herodotus," VIII. 630
- Thorshavn, Færøes, VII. 8
- Thoulet, J.: Analyse de fonds marins, XX. 563†; Do. recueillis dans l'Iroise, XVI. 258†; Do., provenant du golfe de Gascogne, XII. 329†; Analyse mécanique des sols sous-marins, XVI. 589†; Antaretic Exploration, III. 24† Carte bathymétrique de l'archipel des Açores, XIV. 329†; XV. 306†; Cartes lithologiques sous-marines, † X. 554; XVII. 458; XIX. 113; Circulation océanique, XX. 563†; Do., dans le golfe de Gascogne, XI. 322†; Classification des fonds sous-marins, etc., XIX. 407†; Comment se fait une carte marine, XII. 638†; Conférence internationale pour l'étude de la mer, XIX. 111†; Construction d'une carte lithologique des côtes de France, XIV. 453†, 692†; Contribution à l'étude des lacs des Vosges, VI. 292†; Courants de la mer et le Gulf Stream, III. 256†; Deep currents of Bay of Biscay, XI. 303; De l'utilité de la mesure des densités en océanographie, etc., VI. 100†; Emploi de la photographie en Oceanographie, VII. 337†; Epaves artificielles pour l'étude des courants marins, XI. 322†; Etude de l'océanographie, etc., VI. 395†; de fonds marins . . . des Açores, etc., XIX. 533†; d'échantillons d'eaux

THOULET

- et de fonds de l'Atlantique Nord, XX. 364 †; des courants marins, VI. 100 †; des lacs de Gérard-mer, etc., IV. 184 †; du thermomètre plongeur de la marine française, IV. 581 †; sur la distribution de la magnétite, etc., XII. 217 †; Etudes nouvelles de chimie océanique, XVI. 589 †; Evaluation . . . du terrain crétacé des côtes normandes, XV. 188 †; Falaises du pays de Caux, VIII. 188 †; Fond de la mer et cartes lithologiques sous-marines, XV. 302 †; Introduction à l'étude de la géographie physique, II. 476 †; Notice sur les travaux scientifiques publiés par, X. 556 †; Observations océanographiques . . . dans le golfe de Gascogne, XI. 112 †; on basin of Arcaehon, I. 265; Phénomènes volcaniques dans . . . l'océanographie, XVI. 705 †; Projet d'une carte générale des grands profondeurs océaniques, XVIII. 114 †; Sur la détermination de la densité de l'eau de mer, XVII. 563 †; Sur le mode de récolte des échantillons sous-marins, XVIII. 555 †; XIX. 533 †; Sur l'emploi de cartouches solubles, I. 571 †; Sur une application de la photographie à l'océanographie, VI. 101 †; Sur une expérience relative aux courants sous-marins, XV. 199 †; Sur une série verticale de densités d'eaux marines en Méditerranée, XX. 364 †; Transparence et couleur de la mer, XIX. 533 †, 781 †; Un des fondateurs de l'océanographie, Marsigli, XI. 323 †; Vases marines et leur classification, V. 398 †
- Thoulet, J., et H. Arctowski: Résultats du S.Y. *Belyica*, XIX. 404 †
- et M. Chevallier: Densité des eaux océaniques, XX. 472 †
- Three Crowns, King's glacier, XII. 152
- Three years in savage Africa: L. Dècle, XI. 659 †
- Threlfall, T. R.: Senussi and his threatened holy war, XVI. 124 †
- Threlkeld, L. E.: Australian language as spoken by the Awabakal, ed. J. Fraser, III. 255 †
- Through Asia: S. Hedin, XII. 539 †
- jungle and desert: Travels in E. Africa: W. A. Chanler, VIII. 310 †
- the Subarctic forest: W. Pike, VIII. 653 †
- S. Africa: H. M. Stanley, XII. 210 †
- unknown African countries: D. Smith, IX. 577 †; X. 172 §
- unknown Tibet: M. S. Wellby, XII. 323 †
- Thurston, A. B.: African incidents, XV. 666 †
- Thugs; Ramaseedna, or vocabulary of, II. 383 †
- Thuillier, Sir H.: General report on operations of Survey of India Dept., IV.

THYLDE

- 85 †; Obituary of H. C. B. Tanner, IX. 556
- Thung or Thungall pass, C. Asia, XVI. 508
- Thüringerwald—
- Ausrottung der Raubthiere im: L. Gerbing, VII. 676 †
- Forstwirtschaftliches vom: F. Regel, III. 435 †
- Frühere Verteilung von Laub- und Nadelwald im Thüringerwald: L. Gerbing, XVII. 426 §, 444 †
- Geologische Spaziergänge im Thüringer-Wald: R. Scheibe, XX. 350 †
- Kamm- und Thalbildungen im: M. Kändler, XV. 188 †
- Thuringia—
- Abriss der Entwicklungsgeschichte Thüringens: G. Reischel, XI. 565 †
- Flussnetz Thüringens vor der ersten Vereinigung: E. Wüst, XVIII. 615 §, 631 †
- Geographical features of: Walther on, IX. 652
- Geologische Spezialkarte von, XIV. 692 †
- und meteorologische Motive einiger an Thüringer Seen geknüpften Sagen: W. Krebs, XIX. 649 †
- Gewässerkarte von Südwestthüringen: L. Gerbing, XI. 448 †
- Jährlichen Niederschlagsmengen Thüringens: F. Schulz, XIII. 88 †
- Litteraturbericht zur Landes- und Volkeskunde Thüringens: A. Berg, XVI. 243 †
- Phänologische Beobachtungen in Thüringen: H. Toepfer, XVII. 444 †
- Sormitzgebiet, physisch-geographische Skizze: C. Wiefel, XVI. 243 †
- Strassenzüge von Südwest-Thüringen: L. Gerbing, XIII. 452 †
- Thüringen: Ein geographisches Handbuch: F. Regel, VIII. 647 †; X. 207 §
- Thüringer Landschaftsformen erläutert aus ihren geologischen Bau: J. Walther, XI. 565 †
- Thüringische Bauernhaus: G. Reischel, XIII. 88 †
- Thursday I. and Torres Straits, Past and Present of: Hon. J. Douglas, XVI. 128 †
- Thurston, E.: Anthropology, Eurasians of Madras and Malabar, XII. 89 †; Anthropology of Todas and Kotas of Nilgiri Hills, VIII. 529 †; Madras Government Museum, Anthropology, IX. 680 †; XIV. 579 †; Sea Fisheries of Malabar and S. Canara, XVII. 447 †
- , Sir J. B.: obituary, IX. 332
- Thury, C. de: Projet de jonction géodésique entre la France et l'Italie, XIV. 222 †
- Thyld, Capt.: Early voyages of, IX. 605, 613

THYNNE

- Thynne, R.: Story of Australian Exploration, V. 91 †
 Thys, A.: Le Chemin de Fer de Matadi au Stanley Pool, XII. 43 †
 Tiaker-aguil lake, Kashgar, VII. 196
 Tian-Shan—
 Copper mines of, II. 61
 Dans le Tian Chan russe: G. Saint-Yves, XVI. 123 †
 Eastern spurs of, IX. 553
 Expedition to: M. Friederichsen, XIX. 754; XX. 538
 Fauna, IX. 554
 Geologische Profile durch den Thian-Shan: K. Futterer, IX. 247 †
 Geology; K. Futterer's notes on, XI. 664
 Grum Grjimallo, G. E. and M. E.: journeys, VII. 656
 Morphologie des Tien-Schan: M. Friederichsen: XIV. 443 §, 661 §; XV. 296 †
 Vertical relief, etc., XV. 193 †
 Visit to some glaciers of: Y. Korolkov, XVIII. 635 †
 Tiber—Piena del Tevere del dicembre 1900; E. Perrone, XVII. 545 †
 Tiberias, Lake of, Depth and temperature; T. Barrois' researches, III. 424
Tibet (*see also* Asia, Central, Mongolia, etc.), Altitudes, Table of, III. 387;
 Boundary Commission, Tibeto-Sikkim, VI. 279; Caravan, XII. 270; Desert, IX. 550, 551; Fauna, I. 405, 408; X. 89; General Geography, I. 402; Lakes, desiccation, VII. 474; Lamaists, VII. 201; Natives, XIX. 590; Plateaux, VII. 462; XI. 402; Religion, L. A. Waddell on, V. 594; Tea trade; A. de Rosthorn on, VI. 473
 Buddhism of Tibet or Lamaism, etc.: L. A. Waddell, V. 508 †
 Ethnology of Tibet: W. W. Rockhill, VI. 582 †
 Everest, Mt.; Tibetan name, XII. 566
 Flora, I. 405, 408; VII. 479; W. B. Hemsley on, IV. 64; Flora of Tibet or High Asia: Id., XX. 228 §, 244 †
 Gates of: J. A. H. Louis, V. 280 †
 Great closed land: A. W. Marston, IV. 376 †
 Handbook of colloquial Tibetan: G. Sandberg, VI. 194 †
 Itinerary of route from Sikkim to Lhasa, etc.: G. Sandberg, XX. 124 †
 Land und Leute in Nordöst-Tibet: K. Futterer, XVII. 548 †
 Maps—Chinese Map: G. Wegener, III. 141; Note on R.G.S. Map: J. T. Walker, IV. 52 *; Reiseroute Koslows im östlichen Tibet, XX. 253 †
 N. Tibet and Lob-nor district, etc.:

TIBET

Tibet—*continued*.

- K. Himly and G. Wegener, III. 160 †
 Photographs of China and Tibet; taken during Kozloff's expedition, XX. 478; Tibet and W. China: W. W. Rockhill, VI. 108
 Politique chinoise au Thibet: E. Roux, XII. 430 †
 Short account of great kingdom of: Fra F. di Billi, XI. 311 †
 Tibbat three hundred and sixty-five years ago: H. G. Raverty, VI. 485 †
 Tibetan orthography and original pronunciation of the language: F. B. Shawe, IV. 470 †
 Turkestan et le Tibet: F. Grenard, XIII. 557 †
 Western Tibet: F. B. Shawe, XIII. 90 †
 Exploration—
 (Notes)—British, VIII. 635; H. H. P. Deasy, VIII. 635; IX. 217; XVI. 141; Dutreuil de Rhins, IV. 573; K. Futterer, XIII. 430; S. Hedin, IX. 663; X. 210; XVI. 472; XVII. 181, 188; XIX. 502; XX. 312; P. Kozloff, XVIII. 620; A. H. S. Lander, X. 537; V. Pyetvsoff, IX. 546; Rijnhart, XIV. 305; (murdered) XVI. 556; Roborovsky, VII. 94; IX. 553; Russian, IV. 64; Miss A. R. Taylor, III. 423; M. S. Wellby, VIII. 635; IX. 215; XI. 295
 Among the Tibetans: I. L. Bishop, I. 468 †
 Bonin, C. E., Voyage de, VIII. 515 §, 530 †; Exploration Bonin au Tibet oriental, IX. 236 †; Resultats géographiques de la mission, XIII. 677 †
 Derniers voyages dans le Tibet oriental: C. E. Bonin et F. Grenard, XIV. 457 †
 Diary of journey across: H. Bower, I. 385 *, 566 †; IV. 86 †
 Driven out of Tibet: W. W. Rockhill, IV. 577 †
 Englishwoman in: Miss A. R. Taylor, II. 563 †
 Exploration of Tibet: G. Sandberg, VI. 194 †
 Exploratory work required in, X. 313
 From Leli to Peking across: M. S. Wellby, X. 648 †
 Indian Government's rewards to explorers, IV. 61
 In Tibet and Chinese Turkestan: H. H. P. Deasy, XVII. 673 †; XVIII. 526 §
 In the forbidden land: A. H. S. Lander, XII. 540 †, 587 §
 Journey across, etc.: St. G. R. Little-dale, VII. 453 *; VIII. 92 †

TIBET

Tibet—*continued.*

- Journey in Mongolia and : W. W. Rockhill, III. 357 *
 — to Lhasa and C. Tibet : Sarat Chandra Das, XX. 554 †, 640 §
 — to Northern Tibet and Aksai Chin : H. H. P. Deasy, XIII. 155 *
 Landor's Reise in, XIII. 557 †
 Morgan, E. D., on explorations, II. 458
 Rakas-Tal and Manasarowar : H. Singer, XVI. 576 †; Narratives of journey to : Sir R. Strachey, XV. 150 *, 243 *, 394 *; XVI. 247 †
 Relazione inedita di un viaggio al Tibet del Padre C. Beligatti da Macerata : A. Magnaghi, XX. 555 †, 654 §
 Ride to Little Tibet : H. Lansdell, III. 70 †
 Road Report of Route across Tibet and China : M. S. Wellby and N. Malcolm, XIV. 457 †
 Russian Tibet expedition, 1899-1901 : P. K. Kozloff, XIX. 576 *
 Through Tibet to China : M. S. Wellby, XII. 262 *
 — unknown Tibet : M. S. Wellby, XII. 323 †
 Unexplored areas, II. 492
 Viaggio nel Tibet del P. I. Desideri : C. Puni, XVII. 549 †
 Voyage de M. et Mme. Rijnhart dans le Tibet oriental : F. Grenard, XIV. 114 †; Do. : F. Turrettini, XV. 296 †
 — en pays tibétains : T. Monbeig, XVIII. 549 †
 With Tibetans in tent and temple : S. C. Rijnhart, XIX. 230 †

Ticino—

- Glacial erosion in valley of : W. M. Davis, XVI. 121 †
 Language boundaries in Grisons and : M. C. Menghius on, XII. 310
 Pommatt . . . in Tessin : A. Bahler, XV. 190 †
 Tiddeman, R. H. : On formation of reef knolls, XVII. 563 †

Tides—

General—

- Bore, Note on : J. V. Booraem, XX. 364 †; Solution of problem of : A. Brownlie, XIX. 408 †; Propagation et déformation de l'onde-marée qui remonte dans les fleuves : Partiot, XII. 639 †
 Détermination de la hauteur du niveau de la mer : Rollet de l'Isle, XVI. 589 †
 Fluctuations du niveau des mers : J. Girard, XVI. 589 †
 Handy book of : W. B. Whall, II. 93 †
 Manual of : R. A. Harris, X. 233 †
 Oceanic, IV. 261

TIDES

Tides—*continued.*

- Origin of tidal secondary undulations : F. N. Denison, XIII. 568 †
 Relation of mean sea-level and height of half-tide : H. E. de Bruyn, XVII. 296 †
 Tidal agitation and currents, XI. 530
 — nodes, XI. 640
 — waves—*Gezeitenwellen* : O. Krümmel, XI. 103 †; Do., Form und Ursprung : Von Horn, IX. 245 †
 Tide gauges, Secondary undulations, etc. : W. B. Dawson, VIII. 191 †
 Variations of, IV. 261
 Local—
Gezeitenkolk im adriatischen Meere : W. Halbfass, VIII. 425 †
 Observations round coast of England and Wales, XIV. 571
 Phenomena of St. John river : A. W. Duff, X. 650 †
 Survey of tides . . . in Canadian waters : W. B. Dawson, VIII. 72 §, 418 †; X. 553 †
 Tidal and levelling operations of Survey of India Department, Chart, VIII. 198
 — wave in Wye and Severn, III. 232
 Tide-tables for British and Irish ports : H. R. Harris and W. N. Goalen, †VIII. 190; IX. 574; X. 548; XII. 205, 627; H. R. Harris and A. Havergal, XV. 78 †
 — for Indian ports : C. C. D. Morice and E. Roberts, IX. 236 †; S. G. Burrard and E. Roberts, XI. 312 †
 What is the tide of the open Atlantic? M. Jefferson, XIII. 328 †
 Theory of Tides—
Ebbe und Flut . . . im Sonnensystem : G. H. Darwin, XX. 564 †
 Limitations of present solution of the tidal problem : J. F. Hayford, XIII. 459 †
 Manual of tides, Part IV.; Outlines of tidal theory : R. A. Harris, XX. 674 †
 New theory of tides : J. H. S. Moxly, XVI. 705 †; XVII. 455 †; Do. : E. Plumstead, XVIII. 270 †; Moxly's appeal to the Gentiles : Id., XVI. 374 †; Moxly's theory of tides : Id., XVI. 705 †
 Partial explanation of some of the principal ocean tides, XVI. 589 †
 Science of the tide : A. Brownlie, XVII. 681 †
 Suggested correction of accepted theory of tides : J. H. S. Moxly, XIII. 328 †; improvement of current theories : Id., XI. 572 †
 Tides . . . in the solar system : G. H. Darwin, XIII. 219 †, 630 § (German ed.), XX. 564 †

TIDES

Tides—continued.

- Tides simply explained: J. H. S. Moxly, XIV. 123 †
- Tidikelt—Mission au Tidikelt, Archipel Tonatien: G. B. M. Flamand, XVI. 224 §, 269 †; Do., d'exploration scientifique: Id., XVI. 369 †
- Tiedeman, H.: Continent by Queenboro' *viâ* Flushing, IV. 280 †
- Tiedemann, H.: Hafen von Bunbury, XV. 87 †
- Tiele, C. P.: W. Asia, according to most recent discoveries, IV. 577 †
- Tientsin: P. Bure, XIV. 579 †; Tien-tsin après la défaite des Boxeurs: V. de Laguerie, XIX. 230 †; Trade Rep., XVI. 576 †
- Tierra del Fuego, XIV. 248; XVII. 406; Glaciers, XVIII. 358; Mountains, XIV. 29; Nordenskjöld's expedition, VIII. 640; X. 542; XI. 436
- Aconcagua and Tierra del Fuego: Sir M. Conway, XX. 561 †, 644 §
- Eldslandet: O. Nordenskjöld, VII. 445 †
- Expédition suédoise à la Terre de Feu: O. Nordenskjöld, X. 458 †
- Feuerland und seine Bewohner: O. Nordenskjöld, IX. 242 †
- Mission scientifique de Cap Horn: P. Hyades and J. Deniker, I. 184 †
- Notes on: O. Nordenskjöld, XI. 100 †
- Terre de Feu d'après Nordenskjöld, XX. 128 †, 360 †
- Voyage d'exploration . . . canaux de la Terre de Feu: H. Arctowski, XX. 470 †
- Zoologist in Tierra del Fuego: A. Ohlin, IX. 108 †
- Tiessen, E.: China das Reich der achtzehn Provinzen, XX. 122 †; Gegenwärtige Lage in China, XII. 539 †
- Tietkens, W. H.: Journal of C. Australian exploring expedition, 1889, II. 188 †; Remarks on C. Australia, XIV. 463; on stock route through C. Australia, XV. 429
- Tiflis—
- Beobachtungen des Physikalischen Observatoriums, † IX. 233; XIII. 678; XVIII. 549; Do., der Temperatur des Erdbodens im, VII. 213 †
- Population, IX. 658
- Souvenirs d'une mission: Baron de Baye, XVII. 209 †
- Tigerstedt, A. F.: Magnetiska undersökningar i trakten af Jussarö, XV. 547 †
- Tight, W. G.: Preglacial drainage in S. W. Ohio, XIX. 402 †
- Tignol, M. L.: La Mission Blanchet, XVII. 110 †
- Tigre river, Amazons, XVII. 369
- Tigris river, III. 85; XX. 200; naphtha springs, IX. 530; navigation, XX. 452; rafts, VII. 659; tributaries, VI. 177

TIME

- Tigris-Mesopotamian railway and India: H. Rassam, XI. 92 †
- Tilek, Asia Mi., hot springs, XX. 194
- Tillo, A. A. de; biography, XVI. 133 †, 590 †; Carte hypsométrique de la partie occidentale de la Russie d'Europe, VIII. 187 †; Geographische Verteilung von Grund und Boden, I. 282 †, 363; Loi de la distribution du magnétisme, VII. 219 †; Nouvelle détermination de la superficie de l'Empire de Russie, XIX. 395 †; obituary, XV. 185; observations in Lukhun depression, XV. 176; Untersuchung der Quellengebiete der Flüsse des europäischen Russlands, XIX. 394 †
- Tilmant, V.: Mémoire contre la division du cercle, etc., XI. 572 †; XIV. 122 †
- Tilton, T. L.: S.W. part of Boston basin, VII. 334 †
- Timanski mts., geological map: T. N. Chernycheff, XVIII. 211
- Timber—
- Outlook of world's timber supply: W. Schlich, XVIII. 241 †, 314 §
- Production du bois dans le monde: L. Raveneau, XVII. 565 †
- Timber line: H. Gannett, XIV. 229 †
- Timbo, Futa Jallon, XIV. 664
- Timbuktú—
- Carte de la région de Timbouktou: Hourst et Bluzet, VI. 494 †
- topographique: P. Vuillot, VII. 451 †
- Country north of, V. 384
- French explorations in region, VII. 97
- Histoire de Tombouctou, IX. 239 †
- Huit mois à Tombouctou; Réjou, XIII. 92 †
- Lakes in Timbuktú region, VIII. 638
- Map of neighbourhood: Bluzet, V. 273
- Région de Tombouctou: R. Bluzet, VII. 214 †; Do.: Imbert, XVII. 91 †; Do.: Joffre, VIII. 190 †; Do. dernier rapport du Colonel Klobb, XV. 550 †
- Timbuktú: H. Zondervan, III. 161 †
- Tombouctou et la politique française: J. Machat, XI. 685 †
- la mystérieuse: F. Dubois, IX. 106 †
- Timchenko; *see* Ville Timchenko
- Time—
- Bestimmung von Ortszeit und Azimut aus gleichen Sonnenhöhen: C. Schrader, XIX. 406 †
- Civil time: J. Milne, XIII. 173 †; Unification of civil . . . time: G. E. Lumsden, XII. 103 †
- Decimal division of time and angles, XIV. 544; Division décimale de l'heure et . . . du cercle: G. Moch, VIII. 423 †; Documents sur l'heure décimale: J. de Rey-Pailhade, XIII. 685 †; Heure décimale: H. de Sarrauton, XII. 103 †, 545 †; Do. et la

TIME

Time—continued.

- date universelle: H. de Sarranton, XII. 638 †; Do. et la division de la circonférence: H. de Sarranton, VIII. 423 †; XI. 674; Do. et la loi votée par la Chambre: E. Mareuse, XIII. 685 †; Do., Note sur le mémoire de Sarranton: Schoelcher, XIII. 685 †; Projet d'extension du système décimale, etc.: J. de Rey-Paillade, IX. 582 †; Question de la décimalisation du temps et de l'angle: Id., XV. 88 †
- Geological time, T. C. Chamberlain on division of, XV. 649
- Heure et la longitude universelles: E. Cugnin, XIII. 459 †; XIV. 586 †
- légale en France: C. Lallemand, XI. 680 †
- nationale: B. de la Grye, XII. 92 †; XII. 545 †; Vicomte R. de Marsay, XII. 545 †
- Italia e l'unificazione mondiale del tempo: G. Ricchieri, V. 399 †
- List of time signals, XI. 576 †; XVIII. 115 †
- Méridien de l'heure universelle et la Russie: C. di Quarenghi, XV. 88 †
- Mésure absolue du temps: G. Lippmann, XIV. 344 †
- Seasonal time: G. V. Hudson, XV. 672 †
- Time and its curious contradictions: W. Allingham, XVI. 256 †
- Time-reckoning and a universal meridian: E. I. Lullin, I. 73 §, 93 †
- Time, tide and distances: J. McKirdy, XX. 363 †
- Uebereinstimmung von Zeit, Weg und Kreisteilung: A. Schumacher, XVII. 457 †
- Unification internationale des heures, etc.: C. Lallemand, IX. 684 †
- Unification of time as it relates to Navigation: W. N. Greenwood, IX. 582 †; of time at sea: Id., XII. 638 †
- of time-reckoning: F. Porro, IV. 475 †
- Unificazione del calendario: M. Rajna, XIV. 586 †; (Appendice), XVI. 257 †; Do.: M. Rajna and C. T. de Quarenghi, XV. 88 †
- Zeitforderung in den Entwicklungswissenschaften, XX. 252 †
- Times Atlas, † V. 611; VI. 103, 204, 299; XVI. 264
- Timmerman, J.: Opgaven betreffende de Zuid-Afrikaansche Republiek, VIII. 652 †; Kaartbeschrijving, XI. 195 †; Standpunkt der physische Geographie, VII. 683 †
- Timor—Kustlijnen van Timor en Roti: J. F. Niermeyer, XVIII. 88 §, 107 †; Reis in de Timorgroep en Polynesië: H. Ten Kate, V. 163 §; VI. 99 †
- Timsah, lake; sand-dunes, XVI. 28

TIROL

- Timur-Dera-Kul, Bokhara, XIV. 600
- Tinuyre, A.: Onze mois au Dahomey, VI. 296 †
- Tindholm, Færoes, VII. 17
- Tinian (Marianen), Die Insel, XVII. 680 †
- Tinnevely: A. Margöschis, XI. 195 †
- Tioghe (Taukhe) river, S. Africa, II. 487; XIV. 312
- Tipoer, O.: Artaria's . . . Karte der Oesterreich-Ungarischen Armee, I. 189 †
- Tippenhauer, L. G.: Beiträge zur Geologie Haitis, † XV. 85; XVIII. 554; XIX. 402; Geologische Karte der Eruptiv-Zone von Terre-Neuve, XVIII. 247 †; Do., eines Teiles von Südwest-Haiti, XIII. 574 †; Geologische Studien in Haiti, XIV. 230 †; Insel Haiti, I. 184 †; III. 49 §; Karte des Morne de la Selle . . . Insel Haiti, XVIII. 463 †
- Tirah—
- Geographical terms Tirah and Afghanistan, letter from H. G. Raverty on, XIII. 83
- Geology of Tirah and Bazar valley: H. H. Hayden, XIV. 579 †
- Story of Tirah: H. D. Hutchinson, XII. 628 †
- Tirah: Sir T. H. Holdich, XII. 337 *, XIII. 90 †
- and Khartoum expeditions: L. Oppenheim, XIII. 101 †
- Campaign, by an eye-witness, XI. 567 †; Campaign in Tirah: H. D. Hutchinson, XII. 629 †
- Tirap and Namsaik, Eastern Nagas of: S. E. Peal, X. 339 †
- Tirhakeh, Persian Gulf, temple of, IX. 313
- Tirich Mir peak, Chitral, I. 52; V. 421, 425
- Tiriki, position, IX. 390
- Tirol—
- A travers le Tyrol: E. Vielliard, XV. 545 †
- Besiedelung Tirols durch illyrische Stämme: A. Walde, XII. 624 †
- Bozener Land: J. Jaeger, XIX. 391 †
- Coral in Dolomites of: Miss M. Ogilvie, IV. 374 †
- Contributions to geology of Wengen and St. Cassian strata in: Miss M. M. Ogilvie, II. 184 †
- Deutschtum in Südtirol: G. Schultheiss, IX. 676 †
- Einfluss der Erosion auf . . . Südosttirolischen Dolomitstöcke: C. Diener, XVI. 119 †
- German and Italian languages in: Zemmrich, IV. 184 †
- Limnological studies in: Halbfass's notes, XII. 186
- Maps—Karte der intrusiven Kerne der Rieser Ferner: F. Löwl, I. 574 †; Mathias Burgklehners Tirolische Landtafeln: E. Richter, XIX. 785 †

TIROL

Tirol—*continued.*

- Reminiscences of: E. S. Balch, XII. 91†
 Schlosser und Burgen in: J. C. Platter, VII. 107†
 Steinach am Brenner: J. Jäger, XVI. 483†
 Tyrolese Colony on Upper Amazons, II. 267
 Volkskunde aus dem unteren Innthal in Tirol und aus Oberbaiern: S. Ruge, XVII. 671†
 Tischner, A.: Le phénomène fondamental du système solaire, VI. 394†; Le pouvoir grossissant de l'atmosphère, VI. 394†
 Tisnap Daria: *see* Tiznab
 Tisserand, F.: biography, X. 343†
 Tissot et Hallion: Phénomènes . . . de la respiration à différentes altitudes, XIX. 534†
 Tisum, Tibet, XV. 170
 Titi river, Nile, IX. 373
 Titicaca, lake, S. America, XIV. 14; XVII. 338
 Lake Titicaca: M. Basadre, III. 74†
 Visit to: J. Wilson, IX. 579†
 ———, Besuch auf der Insel: R. Copeland, VI. 97†
 Titu, I.: Geografia Comunei Comin-dărești, XI. 193†
 Tiumen: *see* Tyumen
 Tliva river, E. Africa, VII. 409
 Tiz, Makran, VII. 395; XIX. 133
 Tizimi province, Tafilet, V. 331
 Tiznab river, C. Asia, II. 60; V. 244; VIII. 266
 Tiz n' Glaivi, Atlas mts., V. 322
 Tlemcen—Telemsan à Melila en 1886: H. Duveyrier, III. 347†; Map: Id., II. 479†
 T-O scheme of ancient maps, XV. 385
 Toaripi: J. Chalmers, XI. 203†; people, New Guinea, XVI. 273
 Toba lake, VII. 77; Toba Lake in Battak Country: P. Van Dijk, III. 531†; Tochtje langs Zuid-Samosir . . . en eene beschrijving van . . . Toba-meer: P. A. van Dijk, IX. 237†; Zum Toba-See in Central-Sumatra: W. Volz, XV. 80†
 ——— language—Vocabulario Toba-Castellano-Ingles: S. A. Lafone-Quevedo, XV. 259†
 Tobago—
 Colonial Report for 1899, XVII. 325†
 Hints on planting in, XVI. 702†
 Insel Tobago: Baron Eggers, I. 569†
 Tobique lakes: *see* Negoot
 Tocantins, G.: Expedition in Amazons valley, I. 347
 Tocantins river, Amazons, XVII. 372
 Belgian enterprise on, XVII. 534
 Region of the Tocantins: O. Leal, III. 74†
 Voyage au Tocantins-Araguaya: H.

TOGO

Tocantins river—*continued.*

- Coudreau, XI. 318†; entre Tocantins et Xingu: Id., XIV. 230
 Toccolosida, Morocco, X. 302
 Todd, C.: Meteorological observations, †VII. 682; XI. 204; XV. 86; XX. 249
 ———, H. D., and S. J. Brown: Total eclipse of the sun, May, 1900, XVI. 260†
 Todd, Kapitän: Reise des Kanonenbootes Wilmington auf dem Amazonasstrom, XIX. 109†
 ———, J. E.: Moraines of S.E. Dakota, XVI. 584†; Moraines of Missouri Coteau, XI. 317†; Revision of moraines of Minnesota, XIII. 324†
 ———, M. L.: Corona and coronet, XVI. 592†
 Todghra, Wadi, V. 327
 Tödi, W. A. B. Coolidge's guide to range of, IV. 187†
 Todin pass, Sudan, VIII. 342
 Todos los Santos lake: *see* Esmeralda
 ——— mt., Andes; height, XVII. 334
 Toepfer, H.: Phänologische Beobachtungen in Thüringen, XVII. 444†; Wald- und Wasserverhältnisse des Fürstentums Schwarzburg-Sondershausen, VII. 108†; Weg von Osch nach Kaschgar, XVIII. 635†
 Togo—
 Astronomische Ortsbestimmungen: Graf Zech, XI. 198†
 Astronomischen Beobachtungen Gruners, XI. 198†
 Begleitworte zu der Karte der Umgebung von Misahöhe: P. Sprigade, XX. 126†; Do. des . . . Schutzgebietes Togo, XIII. 434 §, 563†; Do. des südlichen Theiles von Togo, VIII. 531†
 Bilder aus Ho in Deutsch-Togo: K. Fies, XVII. 677†
 Convention de Togo-Dahomey, XII. 99†
 Deutsch-französische Abkommen über die Abgrenzung von, XI. 93†; Do. Grenzabkommen: B. Forster, XI. 198†
 Deutschen Kolonie Togo: L. Conradt, VII. 443†
 Eisenindustrie in: F. Hupfeld, XV. 419 §, 439†
 Erschliessung des Kaburelandes in Nordtogo: F. Hupfeld, XVI. 251†
 Etudes sur les colonies allemandes, I. Togo: H. Hauser, XIV. 460†
 Expedition des Deutschen Togo-Komitees unter Gruner, Döring und von Carnap, VII. 451†
 Geographische Ortsbestimmungen von Kersting: F. Cohn, XVI. 368†
 Geologie des Schutzgebietes: von Seefried, XIII. 563†

TOGO

Togo—continued.

- Gewerblichen Erzeugnisse des Togo-gebiets: D. O. Canstatt, XVII. 449 †
Harmattanphänomen im, XIV. 227 †, 445 §
Hohenmessungen im Hinterlande von: Preil, XVIII. 331 †
Kling, Haupt. E.: Journey in, II. 264; Ergebnisse der Forschungsreisen, etc.: E. Kling and R. Büttner, II. 279 †; III. 348 †; Meine Reise im Togolande, VII. 563 †
Meteorologische Beobachtungen an der Missionsstation Ho: H. Doehl, XV. 439 †; Do. des Grafen Zech, etc., XI. 198 †
Nord-Togo: H. Seidel, XVII. 323 †
Otifahrt: Oberl. Preil, XVII. 323 †
Reise nach Atakpame, XII. 98 †; Do. R. Plehn, VIII. 531 †; IX. 239 †
— von der Station Misahöhe . . . nach Salaga: H. Klose, IX. 340 †
Siedepunktbestimmungen: Gruner and Baumann, VIII. 531 †
System der Fetisch-Verbote in: H. Seidel, XII. 434 †
Togo im Jahre 1897-98: H. Seidel, XIV. 337 †; Do. 1900, XVIII. 331 †
— unter Deutsche Flagge: H. Klose, XV. 551 †; XVI. 106 §
Togovertrag, extensive und wirtschaftliche Kolonialpolitik, XI. 574 †
Verhältnisse im Bezirk Misahöhe, XVIII. 331 †
Verkehrsverhältnisse in: F. Hupfeld, XV. 551 †
Vermischte Notizen über: Graf von Zech, XII. 325 †
Völkerkunde des Togo-Gebietes: R. Plehn, XVI. 582 †
Wirtschaftliche Lage im Togogebiet: A. D. C. von François, XV. 297 †
Tograsu river, Turkestan, V. 242
Togry-sai, Tibet, IX. 550
Toises, Gnomon de l'observatoire et les anciennes: C. Wolf, X. 653 †
Tokar district; trade, VI. 571
Tokara-Shima, Luchu Is., V. 292
Toku-no-Shima, V. 293
Tolan-Khoja valley, IX. 550; XVI. 503
Toldi, L.: General-Karte der Länder der Ungarischen Krone, XII. 443 †
Tol Mi, Mantzu village, X. 35
Toll, Baron: Expeditions in Arctic Siberia, I. 161; III. 124, 142, 409*; V. 373; XIV. 327; XV. 651; XVI. 232, 567; XVIII. 217, 539; XIX. 221, 510; XX. 6; Fossilien Eislager und ihre Beziehungen zu den Mammuthleichen, VI. 295 †; Geologische Forschungen im Gebiete der Kurländischen Aa, XII. 428 †; Geologische Skizze der Neusibirischen Inseln, etc., XVI. 497 †; on New Siberia and circumpolar Tertiary flora: Pr. Kropotkin, XVI. 95; Proposal for expedition to Sannikoff Land, XII.

TONGKING

- 162*; Reise nach den Neusibirischen Inseln, IV. 188 †; Russian Polar expedition in *Sarya*, XIX. 475*; (Summary Report for 1901), XX. 216*; Russische Polar-Expedition, XX. 249 †, 362 †; Von der Russischen Polar-Expedition, XX. 362 †
Toll's bay, IX. 476
Tolman, C. F.: Carbon dioxide of the ocean, XV. 199 †
Toltees of C. America, XV. 393; Pilgrimage and civilization of: D. Cerna, IV. 190 †
Toluca, valley of, VIII. 138
Tomasa-rivier, Stroomgebied van: A. C. Kruijt, XV. 192 †
Tomaschek, W.: Biography: M. Bittner, XX. 251 †; XIX. 782 †; Obituary, XVIII. 544; Viagem de Vasco da Gama, XIII. 329 †; see Bittner
Tombowe hill, C. Africa, XV. 612, 614
Tome, G.: Geografia del presente e dell'avvenire, etc., XV. 90 †
Tomerus or Hingor river, VI. 263
Tomkins, H. G.: On topography of N. Syria, III. 252 †
Tomlinson, W. W.: Life in Northumberland during sixteenth century, XI. 89 †
Tomo, Malay Pen., IV. 230
Tompkins, H. W.: Highways and byways in Hertfordshire, XX. 241 †
Toms, Dr.: remarks at Franklin Commemoration, VI. 45
Tomsk, Siberia, V. 149; Das gouvernement Tomsk: P. Romanow, XIV. 116 †
Tonaki-jima, V. 295
Tonga Is.—
British agreement with, XVI. 108
Formation, XV. 425
Savage Island, sojourn in Niue and Tonga: B. Thomson, XX. 249 †
Trade Rep., XII. 637 †; XIV. 586 †
Tongaland, Photographs: G. Allen, IV. 384
Tongariro-Ruapehu volcanoes, Notes on: L. Cussen, I. 570 †
Tonka, prov. Siam: see Puket
Tongking (see also Indo-China, French)—
Archipel du, XII. 628 †
Around Tonkin and Siam: Prince Henri D'Orléans, III. 251 †, 346 †
Deux ans dans le Haut-Tonkin: A. Billet, XIII. 557 †
— Du Tonkin: H. Brenier, IX. 104 †
— — — au Indes: Prince Henri d'Orléans, XI. 684 †; From Tonkin to India: Id., XI. 310 †, 545 §; Du Tonkin au Yunnan, VII. 93 §, 212 †; Journey from Tonkin to Assam, VIII. 566*
Formation of Rocks on coast of, II. 101
Hanoi à Mongtse: Bons d'Anty, XV. 549 †
Haut-Tonkin: A. Billet, XI. 311 †
Impressions d'un Lillois au Tonkin, XVIII. 636 †

TONGKING

Tongking—*continued*.

- Madrolle, C.; journey in Tonkin and China, IX. 220
- Maps—Carte du Tonkin (Bureau Top. des Troupes de l'Indo-Chine), XVII. 329 †; Tonkin et Haut Laos: Friquignon, XIX. 786 †
- Photographs: J. Jackson, V. 192
- Port du Tonkin dans la rade de Tien-Yen, V. 180 †
- Sur la continuité tectonique du Tonkin avec la Chine: M. A. Leclère, XVII. 321 †
- Territoires militaires du Tonkin: I. Massieu, XVIII. 106 †, 229 †
- Tonkin en 1900: R. Dubois, XVII. 87 †
— et Annam: A. Salles, XV. 549 †
- Travaux publics et chemins de fer: G. Renaud, VII. 111 †
- Travel in, II. 102
- Tongut tribes, III. 463
- Toni, H. de: Repertorium geographico-polyglottum in usum "Sylloges Algarum omnium," IV. 474 †
- , G.: Spedizione del . . . Duca degli Abruzzi al Polo Nord, XVII. 214 †; Vasco di Gama, XII. 441 †
- Tonkes, H.: Regenval in Nederland, III. 157 †
- Tonkin: *see* Tongking
- Toule Sap: *see* Tale Sap
- Toose, W.: Oostzee en hare beteekenis voor Handel en Scheepvaart, XIII. 87 †
- Toowoomba, Queensland, I. 241
- Topa-tagh, IX. 547
- Tope-Tope marsh, Congo, XVI. 562
- Topidhunga, Tibet, XV. 164
- Topinard, P.: Anthropology of Brittany, X. 546 †
- Topley, W.; death of, IV. 463; Memoir of: H. B. Woodward, V. 187 †; On Relation between geography and geology, II. 525 †; Sandgate landslip, I. 339 *
- Topography**—
- Art of: R. Briant, IV. 476 †
- Causerie sur les écritures en topographie: A. Perrin, XI. 687 †
- Instruments, méthodes et dessin topographiques: A. Laussedat, XIII. 459 †; XVIII. 238 †
- Topographic forms, Composite Origin of: A. Brigham, VII. 220 †
— terms of Spanish America: R. T. Hill, IX. 116 †
— Conference at Washington, Proceedings, IV. 92 †
— maps for schools, Selection of: W. M. Davis, XIII. 97 †
— models, Notes on construction of: J. G. Goodchild, I. 284 †
- Topographie ancienne; Catalogue de cartes anciennes, VII. 570 †
- Topography and Hypothesis, VIII. 75
— made easy: J. Corballis, XI. 205 †

TOSCANELLI

- Topolobampo harbour, Mexico, XI. 424
- Toponymie: *see* Place-names
- Torch and Colonial book circular: E. A. Petherick, VII. 223 †
- Torda, Hungarian population of: J. Jankó III. 529 †
- Tordesillas treaty of Portugal, IX. 208
- Tordenskjöld, Mt., King Charles Land, XIV. 163, 164
- Torell, O.; Erinnerungen an: F. Wahnschaffe, XVII. 682 †; Torell, den vetenskapliga polarforskningens grundläggare: A. G. Nathorst, XVII. 565 †
- Torfajökull, Iceland, IV. 454
- Torii, T.: Aboriginal tribes in Formosa, XIII. 91 †; Aborigines in N. part of Formosa, XI. 195 †
- Tori-shima or Iwo-zan, V. 295
- Tormik, View of Peak K₁ from, III. 432
- Tornebohm, A. E.: Grunddragen af det centrala Skandinavien, X. 548 †; on dust found on Arctic ice-floes, I. 10
- Tornow, M. L.: Economic condition of the Philippines, XIV. 116 †
- Toro, Visits to Ruwenzori: A. R. Tucker, XIV. 680 †
- Toronto—British Ass. meeting at, X. 471; Report, XI. 689 †; Glacial and interglacial deposits near: A. P. Coleman, XI. 200 †
- Torquatus als ältester Halberstädter Topograph: A. Berg, XIX. 534 †
- Tornquist, A.: Ergebnisse einer Bereisung der Insel Sardinien, XX. 534 §, 552 †
- Torres Straits—
- Anthropology and natural history, Report of Committee, XVI. 373 †
- Cambridge Anthropological Expedition, XI. 437, XII. 193; XIV. 302; Report, XIX. 238 †
- Geology of: A. C. Haddon, W. J. Sollas, and G. A. J. Cole, IV. 285 †, 568 †
- Head hunters, black, white, and brown: A. C. Haddon, XX. 444 §
- Inhabitants of islands, XVI. 414
- Islands and inhabitants of: Hon. J. Douglas, XVII. 214 †
- Study of languages of: S. H. Ray and A. C. Haddon, IX. 465 †
- Torres Vedras, Visit to lines of: Hon. H. N. Shore, IX. 233 †
- Tortuga river, Venezuela, XIII. 45
- Torup; on cause of scurvy, IX. 504
- Toscanelli, P. dal P.: Colloquio avvenuto in Firenze nel Luglio 1459, . . . XII. 546 †; Colombo e la leggenda del Pilota: G. Uzielli, XIX. 782 †; Echtheit des Toscanelli-Briefes: S. Ruge, XX. 564 †; Lettre et carte de, etc.: H. Vignaud, XIX. 240 †, 749 †; Vignaud's Lettre et carte de: H. Wagner, XIX. 782 †; Map of Japan, III. 404; IV. 277; P. dal P. Toscanelli: M. Baratta, XII. 105 †; Do.: Uzielli, I. 92 †; Rekonstruktion der Toscanelli-Karte v. J. 1474: H. Wagner, V. 403 †; Toscanelli et Chris-

TOSCANELLI

- tophe Colomb: L. Gallois, XX. 251 †;
Do.: G. Marcel, XX. 251 †
- Toscanelli and Vespucci: Celebration in Honour of, at Florence, XI. 185; Discorso di . . . inaugurazione delle . . . centenaire a P. Toscanelli et A. Vespucci, XVIII. 241 †
- Toso-nor, C. Asia, III. 366; XI. 404
- Totemism, Origin of: J. G. Frazer, XIII. 687 †
- Tottie, C. D.: Fortgängen af Europas topografiska Kartarbeten, XIV. 452 †
- Toula, F.: researches in Balkan Pen., IX. 87
- Toulotte, expedition in N. Africa, X. 213
- Toumey, J. W.: La Ventana, XI. 97 †
- Touraine: Inventaire des cartes anciennes et modernes de: A. Chauvigné, XVIII. 454 †
- Tourane à Kemmarat, De: E. Mercié, VIII. 416 †
— au Mekong, De: C. E. Bonin, VIII. 416 †
—, Les grottes de marbre de: Dégoutin, IX. 459 †
- Tourbillon polaire, Sur le: A. Poincaré, XII. 638 †
- Tourtemagne, la vallée de: H. Correvon, XVI. 695 †
- Toutain, J.: Cités romaines de la Tunisie, VIII. 311 †
- Toutée: Dahomé, Niger, Touareg, IX. 463 †; X. 177 §; expedition in Niger basin, VI. 185; VII. 97; Par le Dahomey . . . au Sahara français, VII. 442 †; Résultats géographiques de la Mission Toutée, X. 299 †
- Tovel, lake, Alps, I. 351
- Tovuti, lake, Celebes, IX. 89
- Tower, G. W., and G. O. Smith: Geology . . . of Tintie district, Utah, XVI. 372 †
- Towns—
Distribution of . . . in England: G. G. Chisholm, IX. 76*; X. 511*
Grundriss der Städte: O. Schlüter, XVI. 132 †, 235 §
Stadtumfänge in Altertum und Gegenwart: A. Schneider, VII. 339 †
Town life in fifteenth century: Mrs. J. R. Green, IV. 474 †
— sites, from geographical point of view: H. R. Mill, XVI. 590 †
- Townsend, C. H.: Dredging and other records of U.S. Fish Commission, XX. 250 †; On bio-geography of Mexico, etc., VII. 333 †; XI. 316 †
—, C. McD.: Influence of basins of the Mississippi on its flood heights, VIII. 419 †
—, M.: Influence of Europe on Asia, XVII. 547 †
- Tozer, Sir H.: Queensland's progress, XIII. 684 †
—, H. F.: J. G. Frazer's Pausanias, XII. 158*; History of ancient geography,

TRADE

- X. 234 †, 331 §; Selections from Strabo, with introduction, III. 257 †
—, H. J.: British India and its trade, XX. 352 †
- Trabert, W.: Bekämpfung der Frostgefahr, XV. 444 †; Cubischen Niederschlagsmengen im Donaugebiete, III. 344 †; Temperaturabnahme mit der Höhe in den niederösterreichischen Kalkalpen, XII. 638 †
- Trabucco, G.: L'isola di Linosa, XVIII. 226 †
- Tracy, W. B.: Manchester Ship canal, X. 845 †
- Trade (see also Geography, Commercial, and particular countries)—
A lueta commercial das Nações: C. Rozenraad, XIII. 329 †
British manufactures and unfettered commerce: E. Atkinson, XVIII. 460 †
Carrying trade of the world: M. G. Mulhall, V. 401 †
Century of sea commerce: B. Taylor, XVIII. 460 †
Changements . . . du commerce par suite du progrès des voies et moyens de communication: E. Levasseur, XVII. 564 †
College of Commerce at University of California, XII. 422
Commerce universal au XIX. siècle: S. Goulichambaroff, XIII. 461 †
Commercial education in Germany (F.O. Rep.), XIII. 318 †
— future: B. Taylor, XIII. 460 †
— geography: E. C. K. Gonner, V. 187 †; Do.: H. R. Mill, V. 188 †; Lectures on: Id., II. 455; III. 124*; of British Isles: A. J. Herbertson, XIV. 677 †
— struggle of the nations: C. Rozenraad, XV. 90 †
— union of the Empire: Sir F. Young, VIII. 533 †
- Early traders and trade routes: E. Cruikshank, VIII. 311 †
- Future trade in the Far East: C. C. Wakefield, VIII. 415 †
- Highways of Commerce, Trade routes of foreign countries, VII. 570 †
- History of commerce of the world: O. Noel, I. 188 †; IV. 472 †
- Index to reports on trade, etc., III. 76 †; V. 401 †; XI. 688 †
- Influence of rainfall on politics and commerce: H. H. Clayton, XIX. 512 §, 533 †
- Klimatische Verteilung der Industrie: E. von Halle, XV. 426 §, 445 †; Do. auf die klimatischen Zonen: Id., XIX. 409 †
- Obstructions to commerce, and how to remove them: L. M. Haupt, XIX. 239 †

TRADE

Trade—continued.

- Mulhall-Harper . . . tables and charts of world's commerce, XV. 673 †
 Our trade with Germany and Belgium :
 Mulhall, X. 548 †
 Protection of commerce during war : G. A. Ballard, XII. 104 †; Do. : C. F. Winter, XII. 329 †; of our commerce : H. W. Wilson, VII. 340 †
 Rational horizon of Falmouth : G. S. Bowles, XVIII. 460 †
 Review of world's, XVII. 682 †
 Sea the only road for : T. G. Bowles, XV. 445 †
 Sites of great commercial centres : A. F. Sears, XIII. 309 §
 Twenty years of : Mulhall, X. 556 †
 Weltverkehrskarte : A. Herrieh, IV. 287 †; Do. (Wandkarte) : A. Kirchhoff and A. Herrieh, V. 288 †; VII. 574 †
 World's commerce and United States' share of it, XV. 445 †; XVIII. 648 †
 — during nineteenth century and Russia's share in it : S. O. Gulishambaroff, XI. 688 †
 World's Exchanges in 1898 : J. H. Norman, XIII. 462 †
 — great ports : W. Turner, XVIII. 556 †
 Trade winds : *see under* Winds
 Traeger, E. : Geologische Forschung der Nordseewatten, XVIII. 631 †
 Trafal, lake, Patagonia, XIV. 365
 Trail Creek mining camp, Map of part of : J. A. Kirk, VIII. 428 †
 Traill, H. D. : England, Egypt, and Sudan, XVII. 90 †; Life of Sir J. Franklin, VII. 569 †; IX. 533 §
 —, W. H. : A Queenly colony, XX. 361 †; on earliest monument to Capt. Cook, VII. 435; Queensland at beginning of century, XIX. 659 †
 Traill L., Greenland, XVII. 53
 Trajan, roads made by, VII. 470
 Training College prizes, I. 452; II. 81; III. 329; IV. 81, 455; V. 377
 — Ships *Worcester* and *Conway*, R.G.S. prizes to cadets, IV. 269
 — Squadron, visit to Spitzbergen, in 1895, VI. 548
 Trampler, R. : Burghöhle im Punkwathale in Mähren, XIII. 87 †; "Burgverlies" in mährischen Karst, XVIII. 224 †; Drei Dolinengruppen im mährischen Karst, XVII. 542 †; Holsteiner Thal, XIV. 576 †; Ochoser Höhle in Mähren, VIII. 410 †
 Trang, Siam, VI. 528
 Transbaikalia—explorations under Obrucheff, XI. 429; inundations, XI. 177; morphology, Obrucheff on, XVIII. 86
 Trans-Baikal; H. Havelock, XIV. 582 †
 Transbaikalian filiation of Amur Geographical Society, V. 381; Transbaikalian Geographical Society, X. 94
 Transbaikalien : Krahmer, VII. 213 †

TRANSVAAL

Transcaspian—

- Bird's-eye View of: E. N. Adler, XII. 208 †
 Karte der Gebiete Transkaspien und von Nord-Chorassan : G. Radde und J. M. Korschin, XII. 644 †
 Railway—Chemin de fer dans l'Asie centrale : P. Gourdet, XV. 192 †; Chemin de fer transcaspian : E. Blanc, VI. 97 †; Raccordement du Transcaspien, XIX. 654 †; Trans-Kaspische Eisenbahn bis Tschardschui : C. von Hahn, XII. 208 †
 Reiseskizzen aus Transkaspien : G. Boehm, XIV. 336 †
 Review of Transcaspian Province : Tarnowski, III. 347 †; XII. 313
 Russian occupation, XII. 306; Results, I. 159
 Statistics, I. 266
 Transcaspiä and Khurasan : G. V. Tarnowski, VI. 213 †
 Transcaspian desert, XIV. 582 †
 Vergleichende Wüstenstudien in Transkaspien und Buchara : J. Walther, XI. 450 †
 Transcaucasia—
 Agriculture (F.O. Rep.), † XIII. 679; XV. 437; XVII. 448
 Distribution of Armenians, VII. 312; of population : E. Kondrachenko, XII. 206 †
 Ethnography, VII. 548; XI. 428
 Explorations and travels in : W. Black, II. 185 †, 562 †; W. Rickmer-Rickmers, VI. 472
 Géorgie à l'exposition de Paris : A. Khakhanoff, XVII. 674 †
 Kartsch-Chal in Transkaukasien : W. Rickmer-Rickmers, XVII. 448 †
 Observatory in, I. 173
 Photographs in neighbourhood of Aras and Kur rivers : C. S. Gulbentian, XVI. 380
 Statistics, II. 551
 Trans-Caucasia : V. Y. Lisovski, XII. 186 §, 208 †

IX. 339 †

Transcription : *see* Orthography

Transkeian Territories, Physical geography and Ethnology : H. C. Schunke, IV. 282 †

Transit time observations, Field method of reducing : G. R. Putnam, XII. 103 †

Transport — Geographische Verbreitung der Transportmittel : A. Hettner, V. 187 †; Primitive . . . transportation : O. T. Mason, X. 654 †; Transporttiere in ihrer Verbreitung, etc. : E. Hahn, XI. 574 †

Trans-Siberian railway : *see under* Russia, Asiatic

Transvaal—

Among Boers and Basutos : Mrs. Barkly, III. 532 †

TRANSVAAL

Transvaal—continued.

- Boer and Uitlander: W. F. Regan, VIII. 190 †
- Correspondence relating to political affairs in S. African Republic, XV. 83 †; Further do., XV. 298 †; Do. relating to status of, XV. 83 †
- Economic outlook in: A. B. Markham, XVII. 677 †
- Einige opgaven betreffende de Zuid-Afrikaansche Republiek: J. Timmerman, VIII. 652 †
- Erindringer fra et 2-aarigt ophold i Sydafrika: J. Dahl, XIII. 455 †
- Explorers, early, II. 217
- Geological Survey, Annual report: G. Molengraaff, XX. 246 †; Do. of Witwatersrand, etc.: F. H. Hatch, XII. 211 †; Géologie de la République sud-africaine: G. Molengraaff, XX. 246 †; Géologie du Transvaal: J. Giraud, XX. 246 †; Géologie du Transvaal d'après Molengraaff, XIX. 658 †
- Geschichtliche und wirtschaftliche Entwicklung, VIII. 532 †
- Geschiedenis van het grondgebied der Zuid-Afrikaansche Republiek: H. Hellema, XVIII. 641 †
- Gold fields—Output, II. 229; Southern Goldfields of: F. Jeppe, VII. 451 †
- Land and people: A. H. Keane, XV. 666 †
- Maps—"Daily Mail" Map, XIV. 694 †; Geological Map (S.): F. Hatch, X. 660 †; Goldfields: Stanford, II. 95 †; V. 407 †; Hatch's map, X. 660 †; Kaart van de Zuid Afrikaansche Republiek: J. Smulders, VII. 688 †; Jeppe's map, XV. 306 †; Johnston's, VII. 342 †; XIV. 469 †; Northern portion: Wood and Ortlepp, XVI. 378 †; Pictorial bird's-eye: W. and A. K. Johnston, XV. 306 †; Relief map: E. A. Mackenzie, XV. 93 †; S. African Republic: E. Stanford, XIV. 349 †; Troye's map, I. 189 †; VII. 687 †; Vereeniging-Pretoria portion: E. H. V. Melvill, XVI. 378 †
- Mining and minerals in Transvaal and Swaziland: E. J. Lyburn, XVI. 700 †
- Papers relating to complaints of British subjects, XIV. 338 †
- Passarge: Reisen in, IX. 341 †
- Photographs: H. F. Gros, II. 480; E. H. V. Melvill, XIII. 464
- Population, II. 216
- Premiers Boers, Les: E. Fournier de Flaix, XVI. 125 †
- Question du Transvaal: G. Demanche, XV. 194 †
- Report . . . of Johannesburg Board of Health: C. Aburrow, VIII. 532 †
- Settlements in Zoutspanberg, I. 214
- S. African Republic: Africanus, XIV. 682 †

TRAVEL

Transvaal—continued.

- Trade rep., XIII. 455 †
- Transvaal: C. Guy, XIV. 228 †
- Transvaal and S. Africa, Collection of references, etc.: Cotgreave, XVI. 125 †
- , causerie: M. S. Leon, XVIII. 331 †
- et l'Abyssinie, Conférence de Prince Henri d'Orléans, XVI. 582 †
- , état politique, etc.: O. Diamanti, VII. 113 †
- from within: J. P. Fitzgerald, XV. 194 †
- from without: J. H. Reed, XVI. 252 †
- und Umgebung: A. Schenck, XV. 552 †
- Transylvania—
- Art der Ansiedlung der Siebenbürger Sachsen: F. Teutsch, VI. 192 †
- Jara-Thal und seine Bewohner: G. Czirbusz, VII. 561 †
- Literatura geografică a Transilvaniei: S. Moldovan, XV. 434 †
- Monumenta Comititalia Regni Transylvaniae, XI. 565 †
- Photographs: Loczy, XIV. 592
- Siebenbürgisch-Ungarischen Grenzgebirge: J. M. Braess, IX. 336 †
- Volksstatistik der Siebenbürger Sachsen: F. Schuller, VI. 192 †
- Trasimene, lake; P. Chaix, XIII. 60
- Traun region, Exploration of lakes, I. 353
- Travancore—
- Notes on tour in: M. A. Lawson, V. 581 †
- Report on census of: V. Nagam Aiya, VII. 330 †
- Travel (see also Discovery, and Exploration)—
- Art of travelling: interview with Mrs. J. F. Bishop, XVI. 592 †
- Books in English language on, etc.: J. Ritchie, XI. 324 †
- Conseils aux voyageurs naturalistes: H. Filhol, VII. 340 †
- Explorations . . . des Missionnaires Catholiques en 1899: V. Groffier, XVI. 707 †
- Ferienreisen und Studien: B. von der Lage, XVI. 592 †
- Instruction for travellers, L. Ambronn's plan, III. 240
- Instructions pour les voyageurs: E. Caron, V. 399 †
- Manuel de l'explorateur: E. Blim et M. Rollet de l'Isle, XVII. 566 †
- Primitive travel and transportation: O. T. Mason, X. 654 †
- Sport and Travel east and west: F. C. Selous, XVI. 707 †
- Tour du monde aux XX^{me} siècle; Voyages dans l'avenir: E. de Keyser, III. 146 §, 257 †
- Tagebuch meiner Reise um die Erde:

TRAVEL

Travel—*continued*.

- Archduke Franz Ferdinand, VI. 491 †; VIII. 197 †
 Travel: H. S. Lunn, VIII. 197 †
 ——— in first century after Christ, with special reference to Asia Mi.: C. A. Skeel, XIX. 239 †
 With note-book and camera: E. Baring-Gould, XVI. 707 †
 Travertine Falls and Reefs, Origin of: J. C. Branner, XIX. 111 †
 Treacher, W. H.: Perak Reports, XI. 452 †; XV. 81 †
 Treaties—
 Collection of treaties and conventions between Great Britain and foreign Powers: Sir E. Hertslet, II. 568 †; Ditto (commercial): Id., VII. 571 †
 Treaties containing guarantees, etc., by Great Britain, XIII. 572 †
 Treaty-making in Africa: Sir F. D. Lugard, I. 53 *
 Treb, lake, Tibet, XII. 265
 Trebizond and Sivas vilayets, Trade Rep., † XII. 630; XVI. 248; XVIII. 327
 Tregear, E.: Mangareva dictionary, Gambier Is., XVI. 255 †
 ———, and H. Williams: Description and vocabulary of Niue or Savage I., II. 381 †
 Tremulæ, or Busra, Morocco, X. 302
 Trengganu and Kelantan, Journey through Malay States of: H. Clifford, IX. 1 *
 Trent river, V. 143; early navigation, X. 523; Roman sites on, X. 520; Photographs of "Aegir" on Trent at Gainsborough: C. L. Weller, XIX. 539
 Trentino, II. C. Battisti, XIII. 87 †
 Trevithick, F. H.: History, etc., of railway system in Japan, V. 507 †
 Trevor-Battye, A.: Arctic and Antarctic, X. 232 †; Expedition to Kolguef I. . . IV. 462, 569; Ice-bound on Kolguev, IV. 484 †; Kolguef I. . . V. 97 *; Northern highway of the Tsar, XII. 93 †; Proposed expedition for relief of Björling, IV. 20; remarks on "First crossing of Spitzbergen," IX. 368
 Triangulation (*see also* Surveying)—
 Method of executing rapid: M. G. Talbot, V. 399 †; of Africa: E. F. Chapman, V. 467 †; Results of Primary: H. Gannett, VI. 583 †; Vienna, the site of earliest; S. Wellisch on, XIV. 203
 Trias, Pelagic fossils in, VIII. 403
 Trickett, O.: Report on cave at Wombeyan, XV. 424
 Trioche, G. N.: biography: L. Drapeyron, XVI. 590 †; Les derniers des Iroquois, XVIII. 552 †; Mines d'or du Klondyke, XII. 435 †; Notes de voyage dans un coin perdu du Canada, XI. 454 †
 Trieg, Loch, Sir J. Murray's survey of, XX. 225; Seiche on, Johnston and Parsons' observations, XX. 98

TRIPOLI

- Triel, D.: Contoured map of France, VI. 369
 Trieste—Tägliche Periode des Nieder-schlages in: E. Mazelle, XII. 623 †; Trade Rep., XVIII. 320 †
 Trigonometrical surveying: *see* Surveying, and Triangulation
 Trilles, R. P.: Mille lieues dans l'Inconnu, XX. 355 †
 Triloff, P. H.: Die Schambalai oder W. Usambara, XI. 198 †, 326 §
 Trimmer, F.: letter on drying up of Great Salt Lake, XVIII. 97
 Trinidad—
 Cane-farming in: P. Carmody, XVII. 559 †
 Early English colonies in: Hon. N. D. Davis, XI. 101 †
 Ilha da Trinidade e os Rochedos de Martim Vaz, IX. 242 †; X. 651 †
 Oceanic deposits of: J. B. Harrison and A. J. Jukes-Brown, XIV. 342 †
 Photographs: J. M. Neilson, XVIII. 654
 Reports (Colonial), † XIII. 217; XV. 441; XVII. 325
 Stark's Guide-book and History of, XIII. 325 †
 Trinidad and its future possibilities: Sir H. Jerningham, XVIII. 337 †
 ———, its capabilities and products: Sir W. Robinson, XIV. 342 †
 ——— Reviewer: F. Eversley, XVI. 702 †
 Tripoli—
 Agriculture and natural resources (F. O. Rep.), XVII. 450 †, 531 §
 Commercio di: L. Bricchetti-Robecchi, VIII. 532 †
 Cowper, H. S.: Hill of the Graces, XI. 94 †; Journeys, VI. 384; VII. 551; Notes on Journey in Tarhuna and Gharian, VII. 150 *; Further notes on Tripoli hill range, IX. 620 *
 Explorations in: M. de Mathusieulx, XIX. 88
 Maps, poorness of modern, IX. 696
 Question de la Tripolitaine: P. Dornin, XX. 357 †
 Quid de natura et fructibus Cyrenaicæ, etc.: A. Rainaud, IV. 377 †
 Pre-Arab town, position before Moham-medan occupation, XI. 636
 Trade Notes, I. 548; F. O. Reps., X. 440 §; XII. 633 †; XIV. 583 †; XX. 542 §, 669 †
 Tripoli et les voies commerciales du Soudan: J. B. d'Attanoux, VII. 333 †
 Tripolitaine ou Régence de Tripoli: B. Girard, XVII. 677 †
 Tripolitania: F. Minutilli, XIX. 400 †
 ———, Conferenza dal Pippo Vigoni, XX. 669 †
 ———; rapporto: R. Motta, XII. 633 †

TRIPOLI

Tripoli—continued.

- Tripolitanien und der Karawanenhandel nach dem Sudan: L. H. Grothe, XII. 633 †; XIII. 215 †; Do., und seine Zukunft: Id., XIII. 215 †; Do., Landschaftsbilder und Völkertypen: Id., XVII. 677 †
- Wadis of, IX. 629
- Tripp, C.: Tobacco Industry of India and Far East, VII. 562 †
- Tristan da Cunha: W. B. Lord, XVIII. 331 †
- Troano MS., Study of: C. Thomas, I. 474 †
- Trobriand or Kiriwina Is., New Guinea: Sir W. Macgregor's Explorations, I. 274
- Troglodyte dwelling, Tunis, XI. 598; Troglodyte of Ethiopia, II. 144
- Troitzkossavak-Kiakhta, Climat de: J. de Talko-Hryncewicz, XI. 91 †
- Troll, J.: journey in C. Asia, I. 65
- Trollope, M. N.: Kang-wha, Korea, XIX. 654 †; XX. 336 §
- Trombetas river, Brazil, XVII. 366; Explorations, I. 346; Gebiet an der Mündung des, in den Amazonas: F. Katzer, XVIII. 112 †; Voyage au: O. Coudreau, XVI. 490 †
- Tromholt, S.: biography: A. Miessler, IX. 115 †; Catalog der in Nordwegen bis juni 1878 beobachtungen Nordlichter, XX. 552 †
- Tromp, P. B. van: Mt. Rainier, XVII. 324 †; Narrative of ascent of Mt. Tahoma, IV. 283 †
- Tronador, mt., Andes, XIV. 363; XVI. 34
- Tronoff, V.: on Bukhtarma glacier, XI. 177; Sources of river Bukhtarma, XII. 207 †
- Tronquoy, G. du: "Limans" des environs d'Odessa, XIX. 651 †
- Tropics—**
- Acclimatization of Europeans in tropical lands, VIII. 644; L. W. Sambon, XII. 589 *
- Ants as geologic agents in the: J. C. Branner, XVI. 126 †
- Beitrag zur Hygiene in den Tropen, etc.: R. Suro, II. 283 †
- Colonisation et Phygène tropicale: Stokvis, VIII. 537 †
- Delusions about tropical cultivation: Sir G. W. Des Voeux, V. 186 †
- Glimpse of the: E. A. H. Jay, XV. 442 †
- Hohenanatorien in den Tropen: C. Däubler, XV. 558 †
- Life and work in, and how to prepare for it: H. Lankester, XVIII. 243 †
- Primary conditions of tropical production: G. F. S. Elliot, XI. 458 †
- Siedelung in den Tropen: G. Meinecke, XIV. 466 †
- Tropenpathologie: K. Däubler, IX. 349 †

TSCHULOK

Tropics—continued.

- Tropical colonization: A. Ireland, XV. 557 †
- diseases—Reise-Bericht über Rinderpest, etc.: R. Koch, XIII. 331 †
- rains, Force of: J. Wiesner's observations, IX. 112 †, 567 §
- Trossachs and Callander district, Lochs of, XV. 309
- Trotha, V.: Journey to Victoria Nyanza, XI. 90; to head-streams of the Kagera, XI. 550
- Trotter, C.: G. A. Smith's Historical Geography of Holy Land, IV. 450 §; letter on Niuaufu I., VII. 210
- , H.: Journey to Pamirs, VIII. 253; letter on Pamir Boundary Commission, XIII. 442
- , J. K.: Expedition to source of the Niger, VII. 313; X. 237 *, 386 *; XI. 95 †; Niger sources, etc., XII. 99 †, 305 §; Science of frontier delimitation, X. 346 †, 445 §
- Trounet, L.: Congo Railway, XIII. 679 †
- Troup, J.: Industrial and commercial development of Japan, VII. 678 †
- Troutbeck, Vale of, VII. 611; delta, VI. 158
- Troye's map of Transvaal, I. 189 †; VII. 687 †
- Trübner, K.: Minerva: Jahrbuch der Gelehrten Welt, † XI. 324; XV. 303; XVII. 218; XIX. 243
- Truck, S.: Entwicklung der russischen Militar-Kartographie, XVI. 573 †; Erste topographische Aufnahme des Königreiches Serbien, X. 453 †; Jaderin'sche Basis, XIV. 232 †; Russische Triangulierung auf der Balkanhalbinsel, XII. 426 †
- True, A. C.: Scientific study of irrigation, XIV. 589 †
- Trujillo, Honduras, XII. 416
- Truk Archip., Carolines, XV. 649
- Trumbul, H. C.: Studies in oriental social life, V. 401 †
- Tryon, Sir G.: obituary, II. 180
- Tsacha-tsangbo chu, III. 372
- Tsaga river, Abyssinia, XVIII. 50
- Tsahan-ossu, pass leading to, III. 365
- Tsaidam, C. Asia, XI. 404
- Tsa-ku-lao, Se-chuan, X. 30
- Tsana lake: see Tana
- Tsangau, Himalayas, XII. 565
- Tsanner glaciers, Caucasus, V. 378
- Tsan-po: see Brahmaputra
- Tsapa, Mongolia, III. 361
- Tsavo river, E. Africa, II. 117; V. 546; Visit to Tsavo and Taita Highlands: C. W. Hobley, V. 545 *
- Tschernyschew: see Chernycheff
- Tschoffen: Au Congo, VIII. 417 †
- Tschulok, S.: Moskauer Industriegebiet und der Oberlauf der Wolga, XIX. 650 †

TSEKU

- Tseku, Tibet, VII. 301; VIII. 575
 Tsetse fly, II. 517; V. 29
 Tsetse fly disease: W. F. Blandford, VII. 686 †; Report: A. A. Kanthack, H. E. Durham, and W. F. H. Blandford, XIII. 331 †; 537 §
 Versuch zur Immunisirung von Rindern gegen Tsetsekrankheit: R. Koch, XIX. 398 †
 Tsientang-Kiang, Sprungwelle in der Mündung des, IX. 104 †
 Tsinan-fu, Shantung, XIV. 207
 Tsing-ling-shan, Obrucheff's journey across, V. 265
 Tsoakaubmund: *see* Swakopmund
 Taugtjin-dugun temple, C. Asia, XI. 408
 Tsu-kuh-Shan mts., X. 50
 Tsylna river, Copper ore of: I. P. Barteniyeff, XI. 193 †
 Tuamotu Is.: *see* Paumotu
 Tuaregs, IX. 444; Ce qu'il faut penser des Touareg: J. B. d'Attanoux, XII. 210 †; Dahomé, Niger, Tuareg: Toutée, IX. 463 †; X. 177 §; Mission chez les Touareg Azdjer: F. Pourreau, IV. 189 †; VI. 296 †; XII. 611; Visit to the Hoggar Tuaregs: W. J. Harding King, XX. 507 *
 Tuat—
 Conquête du Touat et le Maroc: L. Cuny, XVIII. 551 †
 Marche vers le Touât: R. de Caix, XVI. 251 †
 Mission au Tidikelt, Archipel Touatien: G. B. M. Flamand, XVI. 224 §, 369 †
 Occupation du Touat: G. Vasco, XVIII. 110 †
 Tuat: G. Rohlf's, I. 567 †; Do.: Vaisière, XX. 126 †
 — et le chemin de fer d'Igli, XVII. 555 †
 Tutaran, Makran, VII. 404
 Tübingen, Chair of Geography at, I. 559
 Tucker, Bishop: Missionary journey through Nkole, XVI. 249 †; Toro: Visits to Ruwenzori, XIV. 680 †
 —, R.: Effect of Mexican earthquake at Mt. Hamilton, XV. 557 †
 Tucopia I., XX. 202
 Tugana, plateau, V. 320
 Tug Der, river, Somaliland, XI. 26, 30, 46
 — Faf, Somaliland, V. 485
 — Turfa, river, Somaliland, VI. 474
 Tugeri tribe, New Guinea, II. 27
 Tugu plain, Somaliland, V. 485
 Tugurt, XX. 509
 Tugwell, Bp.: Visit to Bida, VII. 443 †
 —, and A. E. Richardson: Expedition to Hausaland, XVI. 581 †
 Tuhoë Land, etc.: E. Best, XII. 636 †
 Tuillier, A. P.: Perse et sa situation intérieure, XVIII. 107 †
 Tui Pas, Chitral, I. 52
 Tu-jen, cave-dwellings, III. 361
 Tujan village, Tunis, XI. 596
 Tula, population, IX. 658

TUNIS

- Tulare lake, California, I. 537
 Tularosa, Rio, Prehistoric ruins of: U. F. Duff, XI. 201 †
 Tulloch, A. B.: Passage of Red Sea by the Israelites, VIII. 310 †
 Tully, K.: Fluctuations of Lake Ontario, IX. 107 †
 Tulu, Somaliland, VIII. 129
 Tumbatu, die Insel der Watumbatu: E. Werth, XII. 631 †
 Tumlriz: Dichte der Erde, II. 375 §, 567 †
 Tummel, Loch, Sir J. Murray's survey of, XX. 225
 Tumuc-Humac mts., Guiana, I. 346; XVII. 356; Aperçu général: H. Coudreau, II. 475 †
 Tunari, S. America, XVII. 338
 Tundras, II. 335; Great frozen land: F. G. Jackson, VI. 293, 503
 Tung valley, Turkestan, V. 245
 Tungani race, V. 252; *see* Dungan
 Tung-ling rapid, Yangtse, XVIII. 500
 Tung Ranawt, Siam, XI. 483
 Tung-ting lake, XII. 235; XIV. 640
 Tunguses, race, IV. 558; Tungusen: G. Huth, XIII. 559 †
 Tunis (*see also* Algeria)—
 Atlas archéologique de la Tunisie: E. Babelon, R. Cagnat, et S. Reinach, II. 96 †; VIII. 539 †; XX. 678 †
 Bizerte et Ferryville, XIV. 682 †
 Cave dwellers of S. Tunisia: D. Bruun, XIII. 215 †, 415 §
 Ce qu'on peut faire en Tunisie: Levasseur, XI. 95 †
 Chemin de fer de Bizerte au Kef: E. Vassel, XIII. 681 †; Chemins de fer tunisiens: H. Pasquier, XIX. 234 †
 Cités romaines de la Tunisie: J. Toutain, VIII. 311 †
 Colonia di Uthina: L. Cesano, XVIII. 111 †
 Colonisation française en Tunisie: J. Saurin, VII. 215 †
 Djérid Tunisien: P. Barré, XVIII. 111 †
 En Tunisie, Le Bardo-Carthage-Bizerte: P. Ladame, XI. 199 †
 Formes du terrain dans le sud de la Tunisie: E. de Larminat, VIII. 532 †; (map), 428 †
 Géographie comparée de la Tunisie: Rouire, VIII. 190 †
 Grands domaines franco-tunisiens: G. de Beaumont, XIX. 400 †
 Grundlagen des französischen Protectorates in Tunisien: V. Levy, XVI. 700 †
 Invasion sicilienne en Tunisie: E. Menager, XIX. 108 †; Do.: M. G. Demanche, XVIII. 111 †; Do. et le peuplement français: J. Saurin, XVII. 323 †; XVIII. 233 †
 Lac de Bou-Grara et la pénétration: M. E. Vassel, XVI. 370 †
 Maps — Tunisie (Service Géol. de

TUNIS

Tunis—continued.

- l'Armée, † V. 95; IX. 247, 350, 691; X. 126; XI. 463; XII. 223, 645; XV. 450; XVII. 101, 558; XVIII. 117; XIX. 115; XX. 475
 Mission archéologique dans . . . la Tunisie: P. Blanchet, XV. 194 †
 Mosaïque romaine en Afrique: M. Gauckler, VIII. 652 †
 Nécropole berbère d'Henchar El'Assel: E. T. Hamy, IX. 577 †
 Note sur . . . ville de Thigès: E. Blanc, XI. 95 †
 Off the beaten track . . . interior of Tunisia: A. D. Sloan, XVIII. 111 †
 Ports . . . en Tunisie: J. Hess, XI. 95 †
 Regenschaft Tunis: H. Fitzner, VI. 195 †
 Report on Mission in, 1885: H. Saladin, III. 348 †
 Ressources de la Tunisie: E. Lavasseur, VIII. 418 †
 Scientific expedition to Algeria and Tunis in 1731, M. Grosse on, XX. 453
 Situation économique de la Tunisie: M. E. Fallot, XVI. 370 †
 Trade Rep., XIV. 583 †
 Trebbiatrice guernita . . . nella Tunisia: E. H. Giglioli, XIV. 338
 Tunis during French Protectorate, XI. 548 §; XII. 633 †; Tunis unter französischer Verwaltung: E. Jung, XVII. 677 †
 Tunisia and modern Barbary pirates: H. Vivien, XIV. 682 †
 Tunisie il suo Nuovo Porto: G. Pennesi, II. 279 †
 Tunisie: M. Dubois, XIV. 228 †
 ——— centrale: L. Pervinquière, XVII. 323 †
 ——— contemporaine: M. Venukoff, II. 279 †
 ——— en 1900: D. Bordier, XIX. 108 †
 ———, Histoire de la colonisation: C. Riban, VII. 215 †
 Utilisation des travaux hydrauliques des Romains en Tunisie: G. Wolfrom, XIX. 234 †
 Voyage en Tunisie, la colonisation: C. Causeret, XVIII. 233 †
 ——— et en Algérie: Mme. P. Bouchard, IX. 341 †
 Tunncliffe, F. W.: Biography of W. Marceet, XVI. 132 †
 Tuolumne and Cathedral cañons, In: S. G. Eells, XIX. 774 †; Explorations among cañons N. of Tuolumne river: N. F. McClure, VIII. 312 †; Grand cañon of Tuolumne: T. S. Solomons, IX. 241 †; Through Tuolumne cañon: R. M. Price, VIII. 419 †
 Tupiza, Bolivia, III. 112
 Tupper, Sir C.: Economic development of Canada, V. 182 †
 Tupungato mt., Andes, X. 96; XII. 479, 491

TURKESTAN

- Turagua mt., Venezuela; Ascent of, XX. 293
 Turan to Hue, Route from, II. 200
 Turfan, VII. 657; Grum Grshimailos Forschungen in: C. Hahn, II. 185 †; Meteorological observations in, XIII. 431
 Turgut Mongols, VIII. 163
 Turialba volcano, Costa Rica, X. 59; XIX. 318
 Turkana tribe, XI. 387; XIV. 319; XVI. 300
Turkestan (*see also* Asia, Central)—
 A travers le Turkestan Russe: H. Kraft, XIX. 654 †, 743 §
 Bilder aus Russisch Turkestan und Ferghana: H. Vambéry, XII. 208 †
 Etat actuel du Turkestan Russe: M. Venukoff, XVI. 248 †
 Dutreuil de Rhins in, III. 57
 Ethnographisches aus Ostturkestan: H. Vambéry, XIII. 677 †; Ethnography of T. and Tibet, XIV. 91
 Forests, I. 161
 Fra St. Petersburg til: N. Wille, XIII. 454 †
 Geography of: N. V. Ostroumoff, II. 472 †
 Glaciers; Russian exploration of, XII. 185
 Il Turkestan russe; F. de Rocca, XI. 91 †
 Journey between Khotan and Yarkand rivers: S. Hedin, VI. 281
 ——— of geographical and archaeological exploration in Chinese: M. A. Stein, XX. 575 *; Preliminary report, XIX. 769 †
 ——— through Takla-Makan desert: S. Hedin, VIII. 264 *, 356 *
 Khojas of Turkistan: R. B. Shaw, XI. 311 †
 Littledale, St. G. R., journey in, II. 458
 Nachrichten über . . . Expedition nach Turfan: Klementz und Radloff, XVII. 87 †
 Notes on topographical work in Chinese: M. A. Stein, XVII. 409 *; XVIII. 453 †
 Peuplement . . . du Caucase et du Turkestan Russe: P. Barré, XX. 668 †
 Photographs of Turkestan and Bokhara: W. R. Rickmers, XV. 96; of Turkestan and Tagh-Dumbash: D. T. Hanbury, VI. 108
 Population of T. and Transcaspien region, IX. 658; X. 198
 Promenade . . . dans le Turkestan: H. Primbault, XIX. 397 †
 Question du Turkestan: M. Venukoff, XV. 549 †
 Reise nach West-Turkestan und in den Centralen Tien-Shan: G. von Almásy, XIX. 395 †
 Santorine Industry: K. V. Masalsky, XII. 429 †

TURKESTAN

Turkestan—continued.

Steins Forschungen in Ostturkestan :
Winternitz, XX. 352†

Trip to Turkistan: H. Bower, V.
240 *

Turkestan chinois et Pamirs: G. Saint-
Yves, XV. 548†

— and Pamirs; R. P. Cobbold's
journeys, XIII. 65

Underground city, V. 255

Voyage en Turkestan et en Dzungarie
en 1898: O. Donner, XIX. 652†

Wiege der indogermanischen Völker: F.
von Schwarz, XX. 354†

With caravan and rifle: P. W. Church,
XVIII. 635†

Turkey, Turkish Empire—

Coal and petroleum deposits in Euro-
pean Turkey: T. English, XIX.
767†

Consular experiences in: E. Clayton,
X. 548†

Durch Pontus nach Amassia: A.
Struck, XVI. 248†

Ecclesiastical map of Ottoman Em-
pire: Catholic Missions, I. 574†

Eisenbahnen in der Türkei: W.
Heinze, VII. 440†

Handbook for travellers in Constanti-
nople and the Troad: Sir C. W.
Wilson, XVI. 574†

Heide und Scrub in propontischen
Gebiete: F. Braun, XVII. 672†

Maps—European Turkey (Turkish
General Staff), XVI. 136†, 221 §,
573†

Neue Grenze zwischen der Türkei
und Griechenland, XII. 202†

Stellung der Türken in Europa: H.
Vambéry, X. 227†

Turkey in Europe: Odysseus, XVII.
318†

Türkische Wanderung und Auswan-
derung von Rumänien nach Klein-
asien: Dr. Aldinger, XVIII. 323†

Zweite Reise in die europäische Tür-
kei: K. Oestreich, XVII. 319†

Asiatic (see also Asia Minor, etc.)—

Bagdadbahn, Die beschränkte Bedeu-
tung der, und ihre Gefahr: R. Her-
mann, XVIII. 327†; Chemin de fer

de Bagdad: H. de Peyerimhoff,
XVIII. 327†; Deutschen Bagdad-
bahn: W. Wyneken, XV. 296†

Distribution of Armenians, VII. 312

Eastern Turkey in Asia and Armenia,
F. R. Maunsell, VIII. 92†

Forschungsreise in der Asiatischen
Türkei: M. von Oppenheim, XVIII.
549†

Geography of: F. R. Maunsell, IV.
188†

Highlands of Asiatic Turkey: Earl
Percy, XVIII. 231†, 609 §

Notes from a diary in Asiatic Turkey:
Lord Warkworth, XIII. 321†

TURUKHANSK

Turkey—continued.

Photographs: G. P. Devey, III. 444;
A. P. Holtz, IV. 192

Through five Turkish provinces: M.
Sykes, XVII. 551†

Turkish expeditions to Maskat, X.
617

— rule East of Jordan: G. L.
Bell, XX. 668†

— sea-book of Indian Ocean,
XI. 76

Turko-Grecian war—Glimpse of the
late war: O. E. Callwell, X.
453†

Turquie d'Asie, Géographie adminis-
trative, etc.: V. Cuinct, II. 379†;
III. 252†; IV. 86†, 476†; V.
508†; VI. 582†; VII. 281 §; XVI.
248†

Untersuchungen und Reisen in Trans-
kaukasien, Hoch-Armenien, und
Kurdistan: W. Belek, II. 562†

Turkomans of Persia, X. 573; of Trans-
caspian territory, I. 160

Turks—Sinologische Beiträge zur Ge-
schichte der Türk-Völker: F. Hirth,
XVIII. 241†

Turks and Caicos Is. (Colonial Reps.),
† XV. 300; XVII. 453; XIX. 110

Turkwell river, C. Africa, XIV. 149, 151;
XIX. 683

Turley, R. T.; on map of Manchuria,
XVII. 658; Through Hun Kiang gorges,
etc., XIV. 292*

Turner, C. H.: Report on Kairuma . . .
columns, Chin Hills, IX. 338†

—, E. T.: Physical geography of New
York State, XVI. 253†

—, H. W.: Geology of Sierra Nevada,
XII. 214†; Pleistocene geology of Sierra
Nevada, XVIII. 94 §

—, Hon. J. H.: Br. Columbia of to-
day, XIX. 773†

—, L. M.: Ethnology of Ungava
district, VI. 196†

—, M. N.: Report on Sana Kachin
expedition. IX. 338†; X. 325 §

—, Sir W.: remarks on "Renewal of
Antarctic exploration," III. 33

—, W.: The World's Great Ports,
XVIII. 556†

Turócezen (Hungary), Gefässpflanzen des
Komitates: J. Wagner, XVIII. 632†

Turquan, V.: Les courants de migration
intérieure en France, VI. 483†; Mar-
seille seconde ville de France, XVII.
544†; Population de la France . . .
1901, XIX. 649†; Population française,
VIII. 306†

Turretini, F.: Voyage de M. et Mme.
Rijnhart dans le Thibet oriental, XV.
296†

Turtles, Geographical distribution of: J.
Palacky, XIV. 123†

Turu: Stadlbaur, XI. 198†

Turukhansk—Itinerary of Turukhansk

TURUM

- expedition: I. A. Lopatin, XII. 206 †;
411 §
- Turum Pusht, marble quarry at, VII. 171
- Tuscany—
Aumento della popolazione in Toscana
negli ultimi secoli: A. Mori, XI. 565 †
Conoscenza geografica della Toscana
nel Secolo XIX.: A. Mori, XVIII.
227 †
In Tuscany: M. Carmichael, XVII.
545 †
I soffioni boraciferi della Toscana: C.
de Stefani, X. 452 †
Tuscara deep, earthquake at, X. 137
T'u-su of Somo, X. 42
Tutau river, and town, Borneo, I. 195
Tutkowski, P.: Geologie des Lutzk'schen
Kreises im Gouv. Wolyhynien, XII. 94 †
Tyber glacier, Caucasus, V. 378
Tweedie, Mrs.: Isthmus of Tehuantepec
railway, XIX. 234 †; Mexico as I saw
it, XIX. 234 †
Tweedie, Major-Gen.: Map of country of
the Arabian horse, IV. 477 †
Twelve hundred miles in a waggon:
Miss A. B. Balfour, VII. 332 †
Twelvetreets, W. H.: Outlines of geology
of Tasmania, XX. 672 †
Twight, E.: La rivière souterraine du
Liron, III. 344 †
Twilight—Crépuscule à Alexandrie: E.
Franceschi, IX. 244 †; Phénomènes
crépusculaires observés à bord de la
Belgica: H. Arctowski, XX. 249 †
Twining, T.: Travels in India a hundred
years ago, etc., ed. W. H. Twining, III.
160 †
Twixt Sirdar and Menelik: M. S. Wellby,
XIX. 197 §
Two Hummocks I., Antarctic, XVII. 160
Twombly, A. S.: Hawaii and its People,
XVI. 372 †
Tyin, Jebel, VI. 524
—, Wadi, VII. 522, 526
Tyler, C. D.: River Napo, III. 476 *
—, Sir H.: Geography of communica-
tions, X. 556 †
Tyndall, J.: Hours of Exercise in the
Alps, XIV. 109 †
Tyndal glacier, Mt. Kenya, IV. 420
Tyndall, lake, Patagonia, XIV. 256
Tyneside Geographical Society, progress
of, VII. 103
Tyne valley, etc., glaciation of: A. R.
Dwerryhouse, XX. 553 †
Ty Newydd caves, Exploration of: G.
Pollen, XII. 205 †
Typhoons—Taifune in den ost-asiatischen
Gewässern nach Doberck, XII. 639 †;
Taifune von Sept. 1897: P. Bergholz,
XIV. 114 †
Tyrol: see Tirol
Tyrrell, J. B.: Back grant awarded to,
VIII. 88; Barren Lands of Canada, X.
229 †; Basin of Yukon river in Canada,
XVI. 370 †; Expedition through Barren

UBANGI RIVER

- Lands of N. Canada, IV. 437 *; Ex-
plorations in Canada, I. 549; Genesis of
Lake Agassiz, IX. 240 †; Glaciation of
N. Centr. Canada, XI. 685 †; Is the
land round Hudson Bay at present
rising? VIII. 532 †; Map of Klondyke
goldfield and vicinity, XIII. 692 †;
Natural resources of Barren Lands of
Canada, XIV. 119 †; Report on N.W.
Manitoba, III. 253 †; Report on Doo-
baunt . . . rivers and N.W. coast of
Hudson Bay, XI. 454 †; Second expedi-
tion through Barren Lands of N.
Canada, VI. 438 *; Survey of Barren
Grounds, III. 206; V. 269; Survey E. of
lake Winnipeg, VII. 413; Do. N. of
lake Winnipeg, IX. 277; Topographical
work of Geological Survey of Canada,
X. 623 *
—, and D. B. Dowling: Report on
country between Athabasca lake and
Churchill river, X. 121 †; surveys in
Manitoba, X. 628
—, J. W.: Across Sub-Arctics of
Canada, XII. 634 †; Explorations
between Great Slave lake and Hudson
Bay, XX. 340; Map of exploration of
divide between Great Slave lake and
Hudson Bay, XX. 679 †; Through the
Barren Lands, VIII. 418 †
Tyrrhenians in Greece and Italy: O.
Montelius, IX. 573 †
Tyumen, Siberia, V. 147
Tyumenlyk-tagh, Tibet, IX. 551
Tze-Lieou-Tsin, Salines de: A. Grosjean,
XII. 95 †
- U.
- UBAID-ULLA-AL-MAHDI, history of, VI. 190
Ubangi river, X. 638; XX. 494; Cureau's
Map of, XVII. 74; Dybowski's ex-
pedition to Shari from, I. 165; French
explorations in northern basin, XIX.
89
Dans le Haut-Oubangui: M. A. T., XIX.
528 †
De l'Oubangui au Bahr-el-Ghazal: P.
Barré, IX. 238 †
De l'Oubangui au Nil, Les missions
Liotard et Marchand, XIII. 323 †
Colonisation du Haut-Oubangui: H.
Bobichon, XX. 246 †
Exploration du Capt. Julien . . . le
long de l'Oubangui, XX. 246 †
Haut Oubangui: E. Decazes, VIII.
531 †
— et le Gabon: Rouire,
IX. 238 †
Mission de Béhagle, XIV. 681 †
Note sur la Carte itinéraire de l'Ouban-
gui: C. Maistre, VI. 296 †
Rapides du Haut Oubangui, V. 81, 283 †
Sur le Haut-Oubangui: C. Pierre, XX.
125 †

UBAYE

- Ubaye, Nappes de recouvrement de la region de l': W. Kilian et E. Haug, XI. 564 †
- Ubena plateau, Nyasaland, XIII. 433; Beobachtungen auf der Ubena-Nyasa-Expedition: G. Lieder, V. 182 †
- Uberi people, New Guinea, XVI. 281
- Ucayali river, Amazons, XI. 72; XVII. 378
- Uchi valley, C. Asia, XVI. 507
- Uchungwe Mts., E. Africa, description of: Bruchhausen, X. 638
- Udanavarga, Collection of verses from Buddhist canon: W. W. Rockhill, I. 474 †
- Udden, J. A.: An Old Indian village, XVII. 93 †; Erosion, transportation, etc., by atmosphere, IV. 88 †; Loess with horizontal shearing planes, XX. 469 †; Mechanical composition of wind deposits, XIV. 215 §, 234 †; Orages de sable et de poussière aux Etats-Unis, IX. 241 †
- Udza mts., E. Africa, II. 513
- Uechtritz, Baron E. von: Reisen in Süd-west-Afrika, V. 607 †; Expedition on Benue, III. 425
- Ueni, Wadi, IX. 624
- Ufumbiro mts., Cent. Africa, XVI. 172, 184, 228, 560; XVII. 529; Bethé's Journey to, XIII. 534
- Uga I., Pacific, IV. 569
- Uganda**, VIII. 174, 637; plateau, VI. 303
- African incidents: A. B. Thruston, XV. 666 †
- Best route to: G. F. Scott-Elliot, VI. 487 †
- Botanical garden for, XII. 415
- British Mission to, in 1893: Sir G. Portal, IV. 190 †
- occupation of, II. 264
- Buganda: G. Baskerville, VIII. 652 †
- Chronicles of: R. P. Ashe, V. 282 †
- Derniers événements de l'Ouganda, XI. 569 †
- From Punjab frontiers to: E. G. Vaughan, XIV. 119 †
- Historical development of, 1875–92: B. Förster, II. 279 †
- Improvements in Uganda and Unyoro, V. 80
- Journey through, down the Nile to Gondokoro: Sir C. N. E. Eliot, XX. 611 *
- Journeys in: Sir H. Johnston's, XVII. 39 *
- to N. of: J. R. L. Macdonald, XIV. 129 *, 681 †
- Labour in, IX. 391
- Latitudes and altitudes in, IX. 390
- Mammals obtained by Sir H. Johnston in: O. Thomas, XIX. 108 †
- Map—Karte des Uganda-Protectorats (Petermanns Mitt.), XVIII. 653 †
- Masai war-party in, IX. 389

UGYEN

Uganda—continued.

- Minerals collected by Sir H. Johnston's expedition, XIX. 43
- Mutiny in: Extracts from letters, etc., XI. 453 †; Report, XII. 631 †
- Notes on Uganda: R. Walker, I. 377 †
- on geography, etc.; of: Capt. H. Foster, I. 85 †
- On service in Uganda Protectorate: N. Malcolm, XV. 194 †
- Ouganda: Mgr. Streicher, XIII. 455 †
- Papers relating to recent events, †XII. 541; XIII. 681; XIV. 119
- People of, XIX. 21
- Place-names; Sir H. Johnston on, XVII. 428
- Present state and future prospects: H. Bindloss, XVII. 676 †
- Railway, IX. 388; Agricultural prospects of plateau of, XX. 355 †; Correspondence respecting: Gracey, XVIII. 310 §, 550 †; Memoranda relating to, XVI. 370 †; Reports on, †XII. 541; XIV. 583; XIX. 648; Do.: Sir G. Molesworth, VII. 112 †; Survey report, VIII. 417 †; Time and fare tables, XI. 668; Uganda-Eisenbahn, XV. 298 †; Uganda railway: Sir G. Molesworth, XIX. 658 †
- Reports relating to: Sir G. Portal, III. 532 †; Report by His Majesty's Special Commissioner, XVIII. 309 §, 331 †; Preliminary do., XVII. 191 §, 210 †
- Roads and progress, VIII. 296; IX. 388
- Routes to, VI. 319
- Scott-Elliot's expedition to, II. 366
- Story of Uganda Protectorate: Sir F. D. Lugard, XVII. 552 †
- Trade rep.: Berkeley, IX. 561
- Two letters to *The Times*: R. B. Smith, I. 85 †
- Two years' travel in Uganda, Unyoro, etc.: C. F. S. Vandeleur, IX. 369 *; X. 228 †
- Uganda: Philo-Africanus, I. 280 †
- : F. C. Smith, IX. 461 †
- : its value to British trade: F. D. Lugard, II. 279 †
- Protectorate: Sir H. Johnston, XX. 328 §, 357 †
- Protectorate and its relation to the Sudan: H. R. F. Bourne, XIV. 119 †
- Protectorate, Ruwenzori and Semliki forest: Sir H. Johnston, XIX. 1 *
- Zustände in Uganda: B. Förster, XIII. 681 †
- Ugogo: Hermann, I. 182 †; Expedition nach Ugogo, Irangi, etc., IX. 106 †
- Ugowe Bay, Victoria Nyanza, II. 137; XVII. 305
- Ugyen Gyatsho, Lama; Rewards to, for Tibetan explorations, IV. 61

UHA

- Uha: A. Leue, XVII. 554 †; Uha and Urundi, Père Capus' journey in, XII. 413
- Uhehe—
 Uhehe: Frhr. von Shele and Komp. von Elpons, VIII. 311 †
 — Hochebene als Ansiedelungsgebiet für Deutsche: W. Arning, XI. 454 †, 549 §
 — in Deutsch-Ostafrika: Graf von Pfeil, XI. 314 †, 549 §
 — und das Land bis zum Nyassa-See: P. Adams, XIII. 562 †
 Zukunft von: W. Arning, XII. 98 †
- Uhlig, C.: Ascent of Mts. Kilimanjaro and Mern, XIX. 755 † Veränderungen der Volksdichte im nördlichen Baden, XIV. 89 §, 222 †
 —, V.: Beziehungen der südlichen Klippenzone zu den Ostkarpathen, XIII. 87 †; Geologische Karte des böhmischen Mittelgebirges, XVII. 443 †
- Uighurs or Ougurs, history, V. 565, 573
- Uintah beds, mammalian remains in, IX. 75
- Ujfalvy, C. de: Les Aryens au nord et au sud de l'Hindou-Kouch, IX. 236 †
- Ujji, XIX. 599; position, XVII. 38, 133; present state, XV. 65; Ramsay's expedition, IX. 326
- Ukamba, Description of: J. Ainsworth, XVII. 676 †; Report on, XIX. 216
- Ukambani Country, E. Africa, II. 117; VII. 662; Originalkarte von Ukambani, etc.: J. G. Kolb, VIII. 656
- Ukerewe I., Victoria Nyanza, XIV. 321
- Uke-Shima, V. 293
- Ukukuyu: see Kikuyu
- Ukukwe plain, Nyasaland, V. 121
- Ulanga as navigable waterway; von Pritzwitz's report, XIII. 660
- Ule, W.: Beitrag zur physikalischen Erforschung der baltischen Seen, XI. 565 †; Einfluss der Binnenseen auf das Klima, VI. 395 †, 477 §; Entstehung und physikalischen Verhältnisse des Würmsees, XX. 239 †; flora of Brazil, IX. 66; Geographie eine Naturwissenschaft, XI. 303 §, 461 †; Gewässerkunde im letzten Jahrzehnt, XVI. 131 †; Grundriss der allgemeinen Erdkunde, VII. 683 †; Praktische geographische Uebungen an der Universität, IV. 473 †; Praktische Wert der Seenforschung, XV. 302 †; Seen des baltischen Höhenrückens, I. 61 §, 82 †; Starnberger See, XI. 448 †; Temperaturverhältnisse der Baltischen Seen, I. 546; III. 435 †; Wasserhaushalt im Stromgebiet der thuringischen Saale, IX. 336 †; Wasser im Boden, XII. 218 †; Würmsee (Starnbergersee) in Oberbayern, XVIII. 631 †; XIX. 381 §; Zur Hydrographie der Saale, VIII. 647 †
- Uliasutai, Mongolia, V. 568, 574

UNITED KINGDOM

- Ulindi river, C. Africa, XIII. 304
- Uloa, L.: On first discovery of Madre del Dios, XIV. 447
- Ullswater, depth, etc., of, IV. 238; statistics, VI. 162; survey, II. 165; VI. 147
- Ul Turug, Morocco, V. 329
- Ulu district, E. Africa, VII. 407, 411
- Ulubad, Mysia, IX. 156
- Ulug-art pass, Kashgar, VI. 352; VII. 105
- Ulugh Kul, XIII. 158
- Uluguru district; Stuhlmann's work in, VI. 283; VII. 314; see Usagara
- Ulu Kinta; G. A. Lefroy's Visit to, II. 167
- Umanak district, glacial observations in: G. H. Barton, XI. 102 †
- Umba and Usambara Hills; capabilities of soil, IV. 432
- river, E. Africa, IV. 425
- Umbria, Distribuzione dei terremoti nell': M. Baratta, XII. 625 †; Umbrian towns: J. W. and A. M. Cruickshank, XIX. 394 †
- Ume river valley, Sweden, Glacial lakes in: A. Gavalin, XVI. 695 †
- Um Eleagha, Egypt, I. 412
- Umfuli river, I. 303
- Umlauft, F.: Bahn auf den Wiener Schneeberg, X. 546 †; Biographies of T. Fischer and F. Müller, II. 282 †; of F. Ritter von Hauer, III. 257 †; Eisenbahnen Asiens, XI. 682 †; Fortschritte der geographischen Forschungen und Reisen, Afrika und Australien, XX. 675 †; Katastrophe auf Martinique, XX. 470 †; on expansion of Vienna, II. 65; on progress of map-drawing in schools, II. 163; Wiener-Neustädter Canal, IV. 279 †
- Umm el Jemal, V. 7, 16
- Umra Khan, of Chitral, V. 422
- Um Safa, Egypt, I. 411
- Um Selim, Etbai, XVI. 537
- Umswilizi district, population, II. 516
- river, E. Africa, I. 153; II. 509
- Umtali, Mashonaland, V. 34; gold-bearing reef, V. 37
- Umvumvumba river, Manika, XIX. 373
- Unangu, C. Africa, I. 70
- Under the African sun: W. J. Ansorge, XIV. 117 †
- Ungava district, Ethnology: L. M. Turner, VI. 196 †
- Unger, J.: Ursache der Umdrehung der Erde und aller Planeten um ihre Achse, XV. 676 †
- Ungus river-bed, XII. 308
- Ungwala or Ischeno mt., E. Africa, XIX. 672
- Unila river, Morocco, V. 322
- Unit of area—Millionième de la surface terrestre: A. Staggemeier, VIII. 197 †
- United Kingdom: see British Isles

UNITED STATES

United States (*see also* America)—

- Artesian wells, XIX. 564; Prospects in Atlantic coastal plain region: N. H. Darton, XI. 316†
- Boundaries — of successive acquisitions of territory; XX. 341 §, 468†; of territorial acquisitions, XVIII. 642†; Boundaries of U.S.: J. B. Moore, XIX. 401†; Do., and of the several States and Territories: H. Gannett, XVIII. 552† Expedition for determination of Alaskan Boundary, I. 271, 550; N.W. Boundary between Canada and U.S.: R. U. Goode, XVII. 678†; Survey of: M. Baker, XVIII. 552†; Mexican Boundary, re-marking, V. 487; Twenty unsettled miles in N.E. Boundary: T. C. Mendenhall, XIII. 565†
- Causes of American Revolution: J. A. Woodburn, I. 470†
- Century of geography in U.S.: M. Baker, XII. 106†
- Colonial origins of New England Senates: F. L. Riley, VII. 679†
- Communications—Inland navigation: S. S. Leach, XI. 98†; Moyens de transport aux Etats-Unis: L. Wuarin, VI. 393†; Railway mileage, II. 70; XI. 57; Ship canals; E. Deckert's account of, VII. 553
- Développement territorial des Etats-Unis: A. Viallate, XX. 469†
- Eastern gateway of: A. P. Brigham, XIII. 513*; XIV. 340†
- Entwicklung der Vereinigten Staaten: R. Blum, XIX. 774†
- Etats-Unis et leur extension en 1899: P. Barré, XIV. 461†
- et le Far-West: L. F. Viala, IX. 240†
- Food and land tenure: E. Atkinson, XX. 247†
- Forest reserves, National: F. H. Newell, XI. 98†; Forests of the Public Domain: H. Gannett, XI. 98†
- Free Burghs in U.S.: J. H. Blodgett, VII. 564†
- Geographic names, Decisions of Board, XVII. 451†; XIX. 384§
- work of General Government: H. Gannett, XII. 435†
- Geographical Publications, XIX. 383
- Research: M. Baker, XI. 52*, 97†; work of Geological Survey: Id., IV. 147*
- Geography in, II. 497; IV. 566; X. 317; XI. 159
- of Southern Peninsula: J. MacGonigle, IX. 241†
- Graphic history of U.S.: H. Gannett, IX. 107†
- Growth of U.S.: W. J. McGee, XIII. 216†

UNITED STATES

United States—continued.

- Handbooks, etc.—Appleton's General Guide, I. 86†; Baedeker's Handbook, I. 568†; XIII. 565†; Indexed county, etc., Guides: Rand, McNally & Co.'s, VII. 451
- Heart of our North-Western Empire: W. F. Phelps, XVII. 556†
- Impressions of America: T. C. Porter, XIV. 461†
- In der Sternenbanner-Republik: C. Gardini, XVI. 701†
- Irrigation, Recent progress of: A. B. Brigham, XVIII. 234†; Reservoirs for: J. D. Schuyler, XIV. 340†; Rise and future of: E. Mead, XVI. 490†
- Jared Sparks and Alexis de Tocqueville: H. B. Adams, XIV. 340†
- Kulturgeographische Gruppierung der Unionsstaaten: E. Deckert, VIII. 419†
- Local Government in South and South-West: E. W. Bemis and J. Haynes, III. 254†
- Maritime expansion of America: B. Taylor, XVIII. 553†
- Material growth and present condition: H. Gannett, XI. 685†
- Missions catholiques aux Etats-Unis, XVI. 125†
- National Museum, Reports, XIV. 229†; XVII. 678†
- Nordamerikanische Union als Weltmacht: E. Deckert, XVI. 701†
- Occurrence and distribution of Corundum: J. H. Pratt, XX. 670†
- Original territory of: Hon. D. Hill, XIV. 120†
- Plants of Lewis and Clark's expedition: T. Meehan, XII. 436†
- Politische und wirtschaftliche Geographie: F. Ratzel, VI. 452§
- Public Domain of U.S.: M. West, XIV. 341†
- lands and their water supply: F. H. Newell, VII. 680†; VIII. 653†; Utilization of Vacant: E. F. Best, IX. 578†
- Reports of Dept. of Interior, † XIII. 94; XIV. 339; XX. 247, 560; of Chief of Engineers, † II. 187; IV. 283; VI. 489; X. 230; XII. 326; XX. 671; War dept., † XIV. 683; XVII. 452; XVIII. 642
- Reptiles of Pacific coast and Great Basin: J. van Denburgh, XI. 202†
- Salaire aux Etats-Unis: E. Lavasseur, V. 609†
- Sia: M. C. Stevenson, VI. 196†
- Smithsonian Institution; Miscellaneous collections: W. J. Rhees, XIX. 775†; Report, VIII. 312†; XVIII. 334†
- Spanish connections — Cession of

UNITED STATES

United States—continued.

- islands by Spain, XVI. 683; U.S. and Spain, XII. 437 †
- Studies in state taxation: J. H. Hollander, XV. 668 †
- Study of the American Commonwealth, etc.: N. S. Shaler, V. 90 †
- Sunrise and sunset tables, etc., XV. 87 †
- Timber line: H. Gannett, XIV. 229 †; Hohengrenze des Baumwuchses: A. Supan, XVI. 252 †
- United States: Stanford's Compendium: H. Gannett, XII. 327 †, 417 §
- _____ of America: F. Ratzel, IV. 378 †
- _____ : N. S. Shaler, VI. 450 §
- _____, 1765–1865: E. Channing, VII. 679 †
- Voyages . . . d'un missionnaire dans le Far-West: R. P. Savinien, XVI. 253 †
- Wald und Waldschutz in den Vereinigten Staaten: H. Hausrath, XVII. 213 †
- Washington aqueduct and Cabin John bridge: D. D. Gaillard, XI. 317 †
- Winning of the West: T. Roosevelt, V. 608 †
- Cartography and surveying—
- Coast and Geodetic Survey, IX. 578 †; Appendices relating to methods, etc., X. 122 †; Geodesy: C. A. Schott, XVII. 556 †; Geographical work of: T. C. Mendenhall and O. H. Tittmann, XI. 98 †, 289*; XVIII. 313; Magnetic work of: L. A. Bauer, XIV. 461 †; Methods and results, III. 350 †; Origin, etc.: E. D. Preston, XVI. 126 †; Reports, † V. 284; VII. 567; XI. 686; XV. 84; XVII. 92; XVIII. 457
- Cuba and U.S., map: Stanford, XI. 692 †
- Dictionary of geographic positions: H. Gannett, VIII. 653 †; IX. 93 §
- Exercises on U.S. topographical maps: R. E. Blount, XVIII. 242 †
- General map: W. & A. K. Johnston, III. 442 †; Stanford, IV. 287 †
- Geodätische Arbeiten in den Vereinigten Staaten: E. D. Preston, XVI. 125 †
- Geological survey: *see under* Physical Geography, *below*
- Hydrographer, Annual report of, IX. 578 †
- Hydrographic Charts, † I. 95, 191, 288, 576; II. 288, 576; III. 80, 168, 444, 540; IV. 192, 288; V. 192, 288, 512; VI. 198, 204, 300; VII. 124, 228, 452; VIII. 96, 316, 428, 656; IX. 120, 352, 472, 588, 692; X. 128, 348, 464, 563; XI. 212,

UNITED STATES

United States—continued.

- 331, 580; XII. 111, 336, 444, 645; XIII. 104, 224, 336, 464, 576, 692; XIV. 128, 239, 469; XV. 95, 203, 308, 451, 562, 679; XVI. 139, 264, 500, 595, 712; XVII. 103, 223, 332, 460, 571, 687; XVIII. 120, 247, 350, 463, 560, 654; XIX. 119, 248, 416, 538, 668, 787; XX. 136, 255, 371, 476, 680
- _____ Office: W. Allingham, XIII. 324 †; Catalogue of Charts, Plans, etc., VIII. 194 †
- Indexed county, etc., Maps: Rand, MacNally & Co., † II. 572; III. 354, 442, 540; IV. 192, 286, 478, 583; XVIII. 348
- Model of U.S. and Alaska at World's Columbian Exposition, III. 132; proposed model of U.S., XIX. 508
- New England and E. New York, Map showing position of prominent summits, I. 477 †
- Primary triangulation and primary traverse, Results: H. M. Wilson and others, XX. 670 †; Summary: H. Gannett, IX. 342 †
- Railways, U.S. and Canada: E. Stanford, XVIII. 654 †
- Statistical Atlas: H. Gannett, XII. 550 †
- Topographic Maps: W. M. Davis, II. 91 †
- Transcontinental arc: E. D. Preston, XI. 99 †
- War Maps (U.S.—Spain): Bartholomew, XII. 109 †; W. & A. K. Johnston, XI. 692 †
- Climatology—
- Agriculture, etc., Work of meteorologist for benefit of: F. H. Bigelow, XVI. 584 †
- Climate and health of U.S.: W. Phillips, VII. 216 †
- Climate of Great Plains: N. M. Fenneman, XIII. 565 †
- Cloud scenery of high plains, XIII. 565 †
- Daily atmospheric survey: W. L. Moore, XI. 97 †; XII. 176*
- _____ precipitation at special . . . stations, Table, XVII. 452 †, 557 †
- International Meteorological Congress, Report: O. L. Fassig, IX. 685 †
- Orages de sable et de poussière aux Etats-Unis: J. A. Udden, IX. 241 †
- Rainfall: A. J. Henry, XI. 202 †; Rainfall Types: A. W. Greely on, II. 280 †, 369 §
- Statics and Kinematics of Atmosphere in U.S.: F. H. Bigelow, XX. 670 †
- Temperature, etc., vertical gradients: H. C. Frankenhfield, XVI. 583 †
- Types of March weather: O. L. Fassig, XV. 299 †
- Weather Bureau, XI. 56, 156; W.

† Bibliographical entry.

§ Review or analysis.

UNITED STATES

United States—*continued.*

- Moore, XVIII. 642 †; Monthly Weather Review, Annual Summary, XVI. 253 †; Proceedings of Convention of officials, XIV. 465 †, 587 †; XX. 674 †; River and flood system: W. L. Moore, VIII. 654 †; Reports, † VII. 333; VIII. 419; XI. 98; XIII. 216; XVIII. 553; XX. 247
- Coasts and Seas (*see also* Cartography, *above*)—
- Channels and harbours, Table of depths: G. Bradford, XI. 201 †
- Coastal topography: O. C. S. Carter, XVI. 126 †
- Dredging and other records of the Fish Commission: C. H. Townsend, XX. 250 †
- Naval Observatory, Astronomical observations, IX. 241 †; XVIII. 553 †; Magnetic Observations: C. C. Marsh, IX. 578 †; Publications, XVIII. 340 †; Reports, † XIV. 340; XVI. 253; XVIII. 334; Report of Hydrographer, IX. 578 †
- Navy Department's work, XI. 56
- Pacific Coast: *see below*, Physical Geography
- Sailing directions for E. coast: E. H. Hills, XV. 195 †
- Uniform system of buoyage, as adopted by various maritime nations: T. A. Kearney, XIX. 787 †
- Commerce and Industry—
- Agriculture, Department of, Yearbook, XI. 97 †; XIV. 339 †; Report of Secretary of, XVIII. 334 †; Distribution of agricultural exports: F. H. Hitchcock, XIX. 109 †; Geographical concentration, Historic feature of American agriculture: J. J. Hyde, III. 73 †; Foreign trade in agricultural products: F. H. Hitchcock, XVII. 452 †; XVIII. 553 †; Sources of agricultural imports: *Id.*, XVIII. 234 †
- Beet sugar industry (Foreign Office Rep.), XVIII. 234 †
- Cattle industry (Foreign Office Rep.), XIII. 94 †
- Coal industry, XVIII. 434, 445; XX. 544; Foreign markets for American coal, XVII. 324 †
- Commercial relations with foreign countries during 1901, XX. 670 †
- Cotton — Amerikanische Baumwoll-Produktion und Industrie, XVIII. 112 †; Climatology of plant: P. H. Mell, II. 462
- Exports of domestic merchandise, XVII. 93 †
- How Latin-American markets may be reached by manufacturers of U.S., VII. 680 †
- Influence of rainfall on commercial

UNITED STATES

United States—*continued.*

- development: J. W. Redway, IV. 190 †; XVII. 452 †
- Iron and steel trade, XVII. 557 †; Development of iron manufacture: J. Fritz, XV. 554 †
- Manufacturing industries, Report, VIII. 533 †
- Mineral resources: D. P. Day, † I. 281; II. 380; XIV. 340
- Trade competition, XVIII. 430
- U.S. and its trade: H. L. Nelson, XX. 359 †
- Wheat and maize in America, Farm prices: R. H. Hooker, XVII. 556 †; Wheat-growing capacity of U.S.: E. Atkinson, XIII. 681 †
- Wirtschaftsgeographische Reise durch die Vereinigten Staaten: A. Oppel, XIII. 565 †
- Zinc industry (F. O. Rep.), XVIII. 553 †
- Ethnology and Population—
- Bureau of Ethnology, Reports, † I. 568; VIII. 532; XI. 97; XIX. 401, 774; Mound explorations: C. Thomas, VI. 196 †
- Census, Eleventh: R. P. Porter, V. 183 †; Abstract, VIII. 653 †; Cherokees of N. Carolina: T. Donaldson, III. 162 †; Miscellaneous statistics, VII. 564 †; Reports, X. 457 †; (on Agriculture), VIII. 312 †; (on manufacturing industries), VIII. 533 †; (on vital and social statistics, etc.), XII. 543 †
- , Twelfth, XIV. 322; XVII. 76; Analysis and ratio tables: W. A. King, XX. 560 †; Population, Part I.: W. C. Hunt, XX. 247 †; Statistics of deaths: W. A. King, XX. 560 †; Urban population, XVIII. 445 §; XIX. 529 †; Vorläufige Ergebnisse der Volkszählung, XVII. 212 †
- Ceremonies of Navajo Indians: J. Stevenson, III. 73 †
- Chinookan languages, Bibliography of: J. C. Pilling, III. 73 †
- Cliff dwellers of Mesa Verde: G. Nordenskiöld, III. 46 §, 73 †
- Emigrazione Italiana agli Stati Uniti: E. Rossi, † XIII. 565; XVI. 252; XVII. 452
- Ghost-dance religion and Sioux outbreak: J. Mooney, XI. 98 †
- Indian affairs, Report of Secretary of Interior, XVII. 93 †
- land cessions: C. C. Royce, XIX. 774 †; reservations, IV. 566
- wars and uprising of 1655: Hon. T. A. Atkins, I. 477 †
- N. American Indians of to-day: G. B. Grinnell, XVI. 701 †
- Population of the, VII. 194; Population of U.S.: H. Gannett, XVII.

UNITED STATES

United States—continued.

- 678†; Centre of, and its median point, XVIII. 92‡; XIX. 235†; Movements of our: H. Gannett, II. 280†; Population des Etats-Unis: E. Levasseur, XX. 469†; Population by sex, nativity, and race: H. Gannett, XIX. 402†; Do., sex, nativity, and colour of people, XIX. 529†; Population, Immigration, Irrigation: J. D. Whitney, VI. 449‡; Wie wird sich die Bevölkerung der Vereinigten Staaten vermehren: R. Zimmermann, XVII. 557†
- Pueblofolkens Konstlif: Y. Hirn, 253†
- Race problem; its possible solution: E. Atkinson, XX. 248†
- Städte der Vereinigten Staaten, XVII. 212†
- Study of Pueblo architecture: von Mindeleff, III. 73†
- of Siouan cults: J. O. Dorsey, VI. 196†
- Physical Geography—
- Altitudes, Dictionary of: H. Gannett, XVI. 490†; Average Elevation of U.S.: Id., III. 333‡, 440†; V. 90†
- Arid Region (see also Pacific Slope, below)—Increase of aridity in Western U.S.; J. B. Leiberger on, XIV. 212; Limited water supply of: F. H. Newell, XVII. 212†; Study of: J. W. Redway, I. 183†
- Determination of gravity on Pacific coast, Alaska, etc.: T. C. Mendenhall, II. 91†
- Educational series of rock specimens, etc.: J. S. Diller, XVI. 490†
- Facts and figures illustrating physical geography, etc.: J. D. Whitney, IV. 578†
- Geological Atlas, †VII. 444; VIII. 540; XII. 443; XVI. 595; XVIII. 463; XX. 568
- Geological structure of extra-Australian Artesian basins: A. G. Maitland, IX. 578†
- survey, IV. 566; Do.: M. Baker, VI. 252†; Atlas folios, VI. 256; Bulletins, XI. 316†, 317†; Fossil Medusæ: C. D. Walcott, XIV. 229†; Geographical (topographical) work, III. 237; IV. 566; XI. 55, 156, 158; Do.: M. Baker, IV. 147‡; Do.: H. Gannett, IV. 464†; Monographs, XI. 316†, 317†, Reports, †III. 162; V. 90; IX. 342; XI. 317; XIV. 339, 683; XV. 667; XIX. 401; XX. 247, 560; Topographic Atlas, XVII. 686†; Water supply and irrigation papers, XI. 318†; Work of: J. W. Powell, I. 281†
- Geology—Bibliography and index to: see America, north; Catalogue and

UNITY

United States—continued.

- index of contributions to: N. H. Darton, XI. 317†
- Geology of Government explorations: S. F. Emmons, IX. 342†
- of Seminole . . . and Osage nation: C. N. Gould, XVIII. 112†
- Glacial work in Western mts.: R. D. Salisbury, XIX. 774†; XX. 455‡
- Gravity measurements; G. K. Gilbert on, VI. 572
- Hydrography in U.S.: F. H. Newell, VIII. 312†, 398‡, 653†; XI. 152‡, 318†; Report of progress: Id., XI. 317†
- Ice caves and frozen wells: H. H. Kimball, XIX. 220‡, 407†
- Lakes, N. and N.-W., Correcting and issuing charts, etc., XVIII. 643†
- Local subsidence in the interior: J. T. Campbell, XVIII. 642†
- Magnetic Declination: H. Gannett, XI. 570†
- Survey: L. A. Bauer, XX. 248†; XIV. 339†
- Marble cave (Missouri) et Wind cave (Dakota): Miss L. A. Owen, XI. 97†
- Natural mineral waters: A. C. Peale, VII. 114†
- soda deposits: T. M. Chatard, VI. 393†
- Origin of physical features: G. K. Gilbert, XII. 435†; XIII. 216†
- Pacific coast; geographical work on, V. 171; sand dunes of: F. H. Lamb, XI. 99†; Study of Physical Geography: H. W. Fairbanks, XVII. 452†; Topography: J. S. Diller, VII. 216; Do., Revolution in: Id., III. 533†
- slope; Conifers of: J. G. Lemmon, XX. 469†; Is climatic aridity impending on the?: J. B. Leiberger, XIV. 212‡, 229†; Redwood forest of: H. Gannett, XIV. 229†; Table of elevations within: M. B. Kerr and R. H. Chapman, V. 608†
- Plains—Treeless Plains of U.S.: J. W. Redway, III. 209‡; Water resources of portion of great plains: R. Hay, VIII. 653†
- Potable waters of Eastern U.S.: W. J. McGee, VII. 216†
- Report on common roads, Geology: N. S. Shaler, VIII. 654†
- Stream measurements, Reports, XIV. 341†; XVI. 372†; Results of: F. H. Newell, VII. 115†
- Topographic forms of U.S.: H. M. Wilson, XIX. 401†
- Weathered zone between Iowan loess and Illinoian till sheet: F. Leverett, XI. 685†
- Yosemite, Alaska, and Yellowstone: W. H. and S. K. Wiley, II. 91†
- Unity of the Empire: J. Kirkpatrick and G. W. Prothero, X. 344†

UNIVERSAL

- Universal Atlas, Cassell and Co.'s, I. 96 †,
191 †, 287 †, 448 §, 478 †
— Geography: Reclus, IV. 158 §
Universities, Geography at, Reports, III.
429; VIII. 61; Physical geography in:
W. M. Davis on, V. 175; Teaching of
geography in Belgium, XII. 84; Uni-
versity degree in geography, XII. 320;
University extension in Austria; Geo-
graphy, VII. 91; Year-book: *see*
Minerva
— Mission to C. Africa, Report,
XII. 433 †
Unmapped areas on the earth's surface:
J. S. Keltie, XI. 106 †
Unser Fritz waterfall, V. 63
Unstruthal, Guide through: H. Grössler,
I. 82 †; III. 250 †; Im Unstruthal:
E. Jung, XVII. 85 †
Unsworth, Mrs.: English Lady in Siam,
VIII. 92 †
Unta-dhura, XV. 163
Unterwald, A travers le Canton d': H.
Cuénot, XV. 662 †
Unvubu, river, E. Africa, II. 512
Unwana tribe, Nigeria, XX. 89
Unyamwezi, Pater Capus' and von Wulff-
en's surveys in, XI. 298
Unyoro, XIX. 21; Notes on Wanyoro:
R. W. Felkin, III. 348 †; Two Years'
Travel in Uganda, Unyoro, etc.: C. F.
S. Vandeleur, IX. 369 *; X. 228 †
Upcott, F. R.: Reports on railways in
India, XVII. 88 †
Updegraff, M.: Determination of latitude,
etc., Laws Observatory, V. 284 †
Upeno river, E. Africa, X. 440
Upham, W.: Causes of the ice age, XI.
103 †; Divisions of ditto, XIX. 661 †;
Fishing banks between Cape Cod and
Newfoundland, III. 348 †; Glacial lake
Agassiz, XI. 316 †; Wave-like progress
of an epeirogenic uplift, IV. 380 †
Upsala—Luftströmungen an der Erdober-
fläche zu: J. Westman, XII. 202 †; Uni-
versitet, 1872–1897: R. Geijer, XI. 576 †
Ural Mts.—
Ausflug nach dem Süd-Ural: K.
Futterer, V. 179
Deux mois d'exploration dans l'Oural:
L. Duparc, XVIII. 633 †
Geographische Reiseskizzen aus dem
Ural: A. Philippson, XII. 538 †
Kaukasus, Ural, und die Krim, Ex-
cursionen des . . . Geologen-Con-
gresses in: C. Diener, XII. 93 †
Observations in S. Urals: A. Ivchenko,
XX. 121 †
Om de vid syenitbergarter bundna
jernmalmerna i östra Ural: A. G.
Högbom, XIV. 577 †
Recherches géologiques sur l'Oural du
Nord: L. Duparc et F. Pearce, XX.
552 †
Reiseskizzen aus dem Ural und dem
Kaukasus: H. Credner, XI. 566 †

URUNGU

- Ural Mts.—*continued.*
Southern Urals: K. Futterer, VI. 181 *
Südliche und mittlere Ural: M. Frie-
derichsen, XII. 428 †
Topographic notes: C. W. Purington,
XVIII. 547 †
Vergleichende Charakteristik des Ural
und des Kaukasus: K. Futterer,
VIII. 307 †
"Urania" in Vienna, Establishment of
XI. 444
Urbano, M.: death of, X. 544
Urdan-Padishah, C. Asia, VI. 79
Urga, Mongolia, V. 261, 562; IX. 442
Urquhart, D. R.: Among Campa Indians
of Peru, II. 281 †; Bolivian Alt-
planicie, IV. 284 †
Ushba: W. R. Rickmers, XIV. 680 †
Uribe, A. J.: Anales diplomaticos y con-
sulares de Colombia, XVIII. 644 †
Urioste, A.: Clima del Uruguay, XX.
470 †
Urmia lake—
Changes of level, III. 332; X. 93
Günther, R. T.: visit to, XII. 410; Con-
tributions to geography of Urmí and
neighbourhood, XIV. 504 *; XV.
295 †, 549 †
Italian scientific expedition to, XI. 175
Waters of the salt lake of: R. T.
Günther and J. J. Manley, XVI.
123 †
Ursel, Comte H. d': Les Belges au
Tanganyika, I. 470 †
Urua, pays des Balubas: C. Brasseur, X.
340 †; Urua et le Katanga: Id., XI.
313 †
Urubamba, La Hoya del: L. M. Robledo,
XV. 537 §, 670 †
Uruguay republic—
Bulletin of Bureau of American Re-
publics on, VII. 682 †
Clima del Uruguay: A. Urioste, XX.
470 †
Hills of, XVII. 358
Immigracion y Colonizacion Europea
en la Republica: A. Gumma y Marti,
VI. 198 †
Oriental Republic of, at Columbian
Exhibition: C. M. de Pena and H.
Roustan, III. 440 †
Photographs of central railway: Fitz-
Patrick, IV. 96
Sociedad Meteorológica Uruguaya,
Servicio Pluviométrico, XX. 470 †
Trade Rep., XIII. 217 †; XVII. 325 †
Travels in: J. H. Murray, I. 474 †
Uruguay: K. Brendal, VI. 198 †
Voyages de San Javier aux Chutes du
Mocana: J. Queirel, III. 535 †
Uruguay river, S. America, XII. 393;
XVII. 388
Urumchi, population, IX. 553
Urundi, C. Africa, I. 228; V. 315; IX.
327; XI. 299; XVI. 559
Urungu valley, Tibet, IX. 554

URURI

- Ururi river, E. Africa, IV. 421, 423
 Urville, D': Antarctic expedition, III. 11
 Usagara und Uluguru: Liebert über seine Reisen nach, XIII. 92 †; Neue Aufnahmen . . . in Usagara: R. Kiepert, VII. 563 †
 Usambara, IV. 427, 432
 Ethnology of: Storch's observations, VII. 429
 Flora of; researches of C. Holst, V. 159; Kulturpflanzen: O. Warburg, IV. 189 †
 Karte von Ost-Usambara: H. Böhler, XVII. 329 †; Denkschrift zur: Id., XVIII. 109 †
 Schambalal oder West-Usambara: P. H. Triloff, XI. 198 †, (map) 326 †
 Vegetation von West-Usambara: J. Buchwald, IX. 340 †
 Usambura, Tanganyika, XV. 391
 Usaramo, Ukami; Stublmann's . . . drei Reisen in, IX. 340 †
 Usboi: see Uzboi
 Ushant—
 Autour d'Ouessant, VIII. 306 †
 Fairway of, or "The Trade," II. 558
 Ouessant (Enez Heussa; L'Île de l'Epouvante): P. Gruyer, XIV. 453 †
 Ushirombo, C. Africa, V. 355
 Uslar, Baron: linguistics of Caucasus, II. 365
 Uspallata pass, Andes, XVII. 335; railway through, XIX. 214
 Uspensky, V. M.: From Suidin to Urumtsi, XIII. 89 †
 Usher, W. A. E.: Geology of country round Exeter, XX. 553 †
 Ustica: Archduke Ludwig Salvator, XII. 625 †
 Ust-Tsylma, Pechora district, XIX. 369
 Ustun or Arka Tagh, XIV. 442
 Usui mountain railway, Japan: C. A. Pownall, VI. 589 †
 Usuri river, Siberia, V. 152
 Usukuma, Oberflächengestalt und Klima von: C. W. Werther, VII. 678 †
 Utadurrha pass, Himalayas, I. 66
 Utah—Gazetteer of: H. Gannett, XVIII. 335 †; Geology . . . of Tintic district: G. W. Tower and G. O. Smith, XVI. 372 †
 Uwemba country, C. Africa, VII. 372
 Uxmal, ruins at, V. 159
 Uzboi river-bed, I. 64; XIII. 307
 Uzielli, G.: Amerigo Vespucci davanti alla critica storica, XVIII. 242 †; Biography, IV. 471 †; Paolo dal Pozzo Toscanelli, I. 92 †; Piero di Andrea Strozzi viaggiatore fiorentino, VII. 119 †; Scoperta dell' America al Congresso degli americanisti, XVII. 677 †

VALENTINI

V.

- VAALPENS tribe, S.W. Africa, I. 327
 Vacation days in Hawaii and Japan: C. M. Taylor, XIV. 125 †
 Vacas valley and river, Argentine, XII. 470
 Vacher, A.: Géographie économique de l'Argentine, XX. 469 †
 ———, L.: Statistique du Japon, XII. 324 †
 ——— de la Caze, prince d'Amboise: M. de Richemond, XVII. 327 †
 Vahl, M.: De kvartære Stepper i Mellem-evropa, XX. 238 †
 Vai Lahi, lake, Niuaufu I., VII. 70
 Vaisali and other places mentioned by Buddhists pilgrims: W. Hoey, XIX. 396 †
 Vaissière, Comm.: Le Touat, XX. 126 †
 Vaksh river, Bokhara, XIV. 601
 Valais—
 Ethnographie du: E. Pitard, XIV. 224 †
 Influence du climat sur le développement des races bovines du: S. Bieler, XVII. 86 †
 Langue française dans: F. Regnault, XII. 202 †
 Populations du: E. Pitard, XII. 428 †
 Urgeschichte des Wallis: J. Heierli and W. Oechsl, IX. 679 †
 Valamo i Ladoga: Y. Nielsen, XI. 682 †
 Valbuena A. de: Origen del rio Esla, XVIII. 633 †
 "Valcavado" early maps, XIV. 625
 Valdau, G.: see Waldau
 Val d'Anjou, XI. 432
 Val d'Aran et les sources de la Garonne: L. F. Viala, XI. 566 †
 Valderrama: Limites entre Chile i la República Argentina, VII. 217 †
 Valdes, J. C.: Bolivia y Chile, Antecedentes historicos, XVIII. 235 †
 Valdivia; deep-sea explorations, XI. 302, 673; XII. 494, 569; XIII. 297, 640; XIV. 10; Deutsche Tiefsee-Expedition, XIV. 118 †; XV. 445 †; Do., Chun, Schott, and Sachse, XIV. 587 †; Do.: G. Schott, XIII. 686 †; XVI. 589 †; Deutschen Tiefsee-Forschung: Id., XIV. 345 †; Oceanographical and meteorological work: G. Schott, XV. 518 †; XVI. 258 †
 Valencia Harbour, Fauna and Flora, XVI. 574 †
 ———, I. Climatology of: J. E. Cullum, IX. 235 †
 ——— lake, Venezuela, XVII. 353
 Valentín, J.: Comunicaciones geológicas . . . de Salta y Jujuy, X. 651; Ergebnisse der österreichischen Luftballons, XVII. 681 †; Excursion efectuada en la Provincia de San Luis, VII. 445 †; Sierras de los Partidos de Olavarria y del Azul, VI. 97 †
 Valentini, P. J.: Pinzon-Solis, 1508, XIII. 95 †, 662 §

VALERIAN

- Valerian's bridge across Karun river, Photograph of: Taylor, IV. 192
- Valle, F.: Longitud del Observatorio . . . de Tacubaya, XI. 455†
- Vallée, L.: Le port du Havre, XIII. 87†; Sibérie et le grand Trans-Sibérien, XVIII. 108†
- Vallejo, F. R.: Departamento Chimal, XVI. 702†
- Vallentin, W.: biography, XVI. 590†
- Valleys—
Development of valley sides, XIV. 494
Grade of valley floors, XIV. 488
Inaccessible valleys: A. R. Wallace, I. 571†
Origine de l'emplacement des cours d'eau: E. Ritter, XI. 206†
Problèmes de l'histoire des vallées: E. de Martonne, XIII. 329†
Terrasses de quelques vallées, etc.: de Lamothe, XVIII. 340†
Typical valley, Camaldoli, X. 497
Vallées à méandres: W. M. Davis, XIII. 686†
Valleys, plains, and gorges, History of, II. 526
Valli aperti: C. Borzino, XVI. 493†
- Vallois, P.: Trois mois au cap Nome (Alaska), XVIII. 331†
- Vallot, J.: Exploration des moulins de la Mer de Glace, XV. 546†; Sur les plus parallèles qui forment le massif du Mont Blanc, X. 118†
—, J. de H.: Projet de chemin de fer . . . du Mont-Blanc, XVI. 360†
- Valparaiso: J. Hermann, XVI. 490†; Trade rep., XIV. 462†; Valparaiso und sein Deutschthum: G. Bruhl, IX. 465†; Valparaiso-Serena cable interruptions, X. 265, 267
- Vambéry, H.: Bilder aus Bokhara, VIII. 529†; aus Chiwa, VII. 441†; aus russisch Turkestan und Ferghana, XII. 208†; aus Samarkand, IX. 576†; Kafiristan und die Kafirén, IX. 338†; Stellung der Turken in Europa, X. 227†; Ursprung der Magyaren, X. 450†
- Van: *for surnames so prefixed, see surnames*
- Van, lake, Kurdistan, III. 84; VI. 174; XVIII. 121, 143; Changes of level, III. 332; Photographs of neighbourhood: G. P. Devey, III. 444; Do.: F. R. Maunsell, XV. 562
- Vanapa river, New Guinea, XII. 318
- Vancouver: explorations in Alaska, XIV. 526, 533
- Vancouver I.: A. Begg, XIV. 583†; Notes on: A. Begg, VII. 215†; Photographs of: J. W. Laing, X. 348
- Vance, P.: Despre Româniî din Ungaria, IX. 233†
- Vandeleur, S.: Campaigning on Upper Nile and Niger, XI. 569†; XII. 304§; Murchison grant to, IX. 555; X. 109; Nupe and Ilorin, X. 349*, 650†;

VASCO

- obituary, XVIII. 542; Sir C. R. Markham's remarks on death of, XVIII. 562; Two years' travel in Uganda, etc., IX. 369*; X. 228†
- Vanderkewy, J.: Une expédition avec le Négous Ménélek, VIII. 92†
- Van Diemen's Land: *see* Tasmania
- Vanga, IV. 426
- Vanhoffen, E.: Frühlingsleben in Nord-Grönland, III. 350†; Von der deutschen Südpolar-Expedition, Fischereiversuche, XVII. 561†
- Van Mijens bay, Spitsbergen, IX. 364
- Vanni, Place-names in the: J. P. Lewis, X. 455†
- Vanutelli, L.: Escursione nel Cekiang settentrionale, XVI. 486†; Intorno all'ultima Spedizione Böttogo, XVIII. 233†; Spedizione Donaldson Smith tra il lago Rodolfo e il Nilo, XVII. 677†
—, e C. Citeri: La seconda spedizione Böttogo nell'Africa Orientale, XIV. 117†; XV. 50§, 83†
- Var—Vallée de la Bresque: J. Delmas, XVII. 544†; Vallée du: F. Noetinger, XV. 660†
- Varanger Fjord, Glacial phenomena in: A. Strahan, X. 118†; Varanger fjord region: H. Reusch, VII. 439†
- Varela, L. V.: En la Cordillera Andina, XIII. 324†
- Varenus, Bernhard: J. Schwerdfeger, XV. 675†; Predecessors of: J. Philippson on, I. 176; work on geography, XVIII. 411
- Varigny, H. de: Air and life, X. 232†; Pêcheries de la Volga, IX. 574†
- Varnek: *see* Varnek
- Varona, E. J.: Cuba contre Espagne, IX. 465†
- Varthema, L.: supposed discovery of Moluccas by, VII. 366
- Varzuma, Persia, VII. 169
- Vasco, G.: Arbitrage anglo-venézuélien, XVI. 254†; Le café, XVII. 218†; Madagascar: les forêts, le caoutchouc, VII. 214†; Occupation du Touat, XVIII. 110†; Poursuite et capture de Samory, XIII. 562†; Sahara: Le mission Fourreau-Lamy, XVI. 700†; Soudan français: le massacre de la Mission Cazemajou, XIV. 227†; Transibérien et le Trans-mandschourien, IX. 681†
- Vasco da Gama: A viagem de: W. Tomaschek, XIII. 329†; biography, IX. 346†; celebrations, VII. 103; VIII. 303; X. 220; XI. 294, 429, 661; Centenaire de: H. Cordier, E. Védel, et Marquis de La Mazelière, XII. 330†; Cuarto Centenario del descubrimiento . . . por, XIII. 329†; De Portugal á India: A Viagem de Vasco da Gama: E. Moreira de Sá, XII. 640; Découvertes de: V. Levy, XI. 207†; Entdeckung des Seeweges nach Ostindien

VASCONCELLOS

- durch: S. Ruge, XII. 219 †; First voyage of; trs. E. G. Ravenstein, XII. 20 §, 219 †; Fourth Centenary of landing at Calicut, XII. 546 †; Do. of Sea Route to India: Marquis de Soveral, VIII. 537 †; O premio da descoberta: L. Cordeiro, XII. 219 †; Portugal et Vasco da Gama: E. d'Avellar, XII. 546 †; Portugisernes opdagelse af Nøveien til Indien: G. Storm, XIII. 329 †; Premier voyage . . . aux Indes: C. Ceulemans, XIV. 235 †; Quatrième Centenaire de, à la Société de Géographie de Lisbonne, XIII. 570 †; Second Voyage of, XIX. 643; Vasco da Gama: L. Cordeiro, VI. 102 †; Do.: P. Gaffarel, XII. 219 †; Do.: F. Hummerich, XIV. 235 †; Do.: Sir C. R. Markham, XII. 10 †; Do.: H. Reade, XII. 640 †; Do. and his companions: A. G. Wright, XIV. 588 †; Do. e a Vidigueira: A. C. F. de Aragão, XII. 219 †; Do. et les découvertes maritimes des Portugais: G. Delvaux, XII. 330 †; Do., Pedralvarez Cabral e Giovanni da Nova nella cronica di Kilwah: C. C. Rossini, XVIII. 241 †; Do. und die Entdeckung des Seewegs nach Ostindien: F. Hummerich, XII. 640 †; Vasco di Gama: M. G. Toni, XII. 441 †; Vesperas do Centenario: M. Lima, XII. 220 †
- Vasconcellos, E. de: As Colonias Portuguezas, X. 178 §; XI. 208 †, 576 †
- , J. L. de: Dialecte portugais de Macao, II. 189 †; Religiões da Lusitania, XI. 681 †; Religions de la Lusitanie, II. 184 †
- , S. de: Descripção da Bahia de Todos os Santos, XIV. 462 †
- Vasojevici people, Montenegro, IV. 394
- Vassel, E.: Chemin de fer de Bizerte au Kef, XIII. 681 †; Lac de Bou-Grara et la pénétration, XVI. 370 †
- Vasseur et Fournier: L'extension . . . du massif ancien des Maures, VII. 439 †
- Vassilief, W. P. (biography): P. von Stenin, XVII. 98 †
- Vas'yugan tundra, Siberia, XIX. 635
- Vatnajökull, Iceland, II. 156; XIII. 262 481
- Vatnsdalsholar, Iceland, III. 272
- Vatua or Manguni race, IV. 362
- Vaucluse, Utilisation de, et des sources des régions calcaires, XI. 564 †
- Vaudois—Valley of Light, Studies . . . in Vaudois valleys: W. B. Worsfold, XIII. 318 †
- Vaudoux ceremonies at Haiti, XVI. 315
- Vaughan, E. G.: From Punjab frontier to Uganda, XIV. 119 †
- , H. B.: Journeys in Persia, VII. 24, 163 *
- , J. D.: Fiji, meteorological observations, † VIII. 421; X. 652; XVII. 453; XIX. 530

VENETIA

- Vaughan, T. W.: on recent elevation of coast of Gulf of Mexico, XX. 544
- and A. C. Spencer: Geography of Cuba, XX. 360 †
- Vaulserre, Vicomte de: A travers le Yunnan, XVII. 548 †; Fleuve bleu de Sui-fou à la hauteur de Tali-fou, XVI. 247 †
- Vaulx, Comte H. de la: A travers le Patagonie, XII. 215 †; Traversée du "Méditerranéen" (balloon), XIX. 534 †; Voyage en Patagonie, XVI. 372 †; XVII. 559 †
- Vaux, Baron Carra de: Ouvrage attribué à Maçoudi, VII. 684 †
- , G. and W.: Glaciers in Br. Columbia, XVI. 252 †, 687 §; Great glacier of Illicilliwaet, XVI. 125 †
- , G. S.: Wapta fall, XVIII. 333 †
- Vavau, Flora of: J. Burkill and C. S. Crosby, XVIII. 236 †
- Vea, A. de: Voyage of, XVI. 19
- Veadeiros, Chapada dos, IX. 65
- Veatch, A. C.: Ohio Valley in S. Indiana, XII. 327 †
- Vedel, P.: On growth, etc., of ice, VII. 224 †
- Vedova, G. D.: Giovanni Marinelli, XVI. 495 †; Conte L. Palma di Cesnola e il Museo . . . di Nuova York, XVII. 327 †; Glossario geografico dell'Italia del Medio-evo, X. 452 †; Lutti della Società Geografica Italiana, XII. 104 †; Salita sul Monte di S. Elia nell'Alaska, XVII. 323 †
- Veerén, F. E. L.: Beteekenis van de wateren der Aarde als drinkwater, XVI. 376 †; De Groenlosehe Slinge en haar stroomgebied, XIX. 228 †
- Vega Real, Haiti, III. 50
- Vegetation: see Botany, and Plants
- Vehkajoki's och Summajoki's mynningar: J. E. Rosberg, VIII. 413 †
- Vélain, C.: Cataclysmes volcaniques des Antilles, XX. 360 †; Pays Scandinaves et Finlandais, XIII. 452 †
- Velio, B.: Planisfero portoghese di, XII. 219 †
- Velten, C.: Erklärung ostafrikanischer Ortsnamen, XVI. 488 †; Kikami, die Sprache der Wakami, XVII. 322 †; Schilderungen der Suaheli von Expeditionen Von Wissmanns, etc., XIX. 398 †; Sitten und Gebrauche der Suaheli, XVI. 488 †
- Velthuyzen, H.: Explorations in Dutch New Guinea, VII. 432
- Venetia—
- Fiumi di resorgiva . . . al territorio veneto: G. L. Bertolini, X. 647 †; Linea e fiumi di resorgiva: Id., XIV. 223 †; XVI. 572 †
- Tre antiche vie romane nella: R. Pinton, X. 453 †
- Valli de la Vénétie: Thorndike-Nourse, XIV. 455 †
- Origine della profonda . . . nel porto

VENETIA

Venetia—*continued.*

di Malamocco: O. Marinelli, VIII. 648 †

Venetianerne paa Røste i 1432: G. Storm, XI. 566 †

Venezuela—

Boundary with Br. Guiana (*see also* Guiana)—Arbitration, XIV. 594; XV. 67, 85 †, 300 †, 554; Anglo-Venezuelan boundary dispute: M. Baker, XVI. 254 †; Brief submitted by Venezuela to Commission, IX. 343 †; Britisch Venezuelaansch Grensgeschil: J. B. Breukelman, XVI. 127 †; Controversy between Venezuela and Great Britain: C. P. Daly, VII. 566 †; Correspondence between U.S. and Great Britain, IX. 580 †; G. G. Dixon on, VII. 99; Documents, VII. 445 †; Further do., IX. 108 †; Documents and maps: J. Strickland, IX. 343 †, 446 §; Facts about Venezuela boundary: J. Bolton, VII. 334 †; Geographical results of . . . boundary dispute: M. Baker, XIX. 403 †; Grenzen Venezuelas: W. Sievers, VII. 335 †, 446 †; Schomburgk line and Guayana boundary: A. Heilprin, VIII. 421 †; Territoire contesté entre le Venezuela et la Guyane anglaise: L. Gallois, X. 458 †; Territorio contestato, etc.: G. Cora, IX. 108 †; U.S. Commission, XI. 101 †; Venezuela and Br. Guiana boundary: H. R. Mill, VII. 217 †; Venezuelan claims in Guiana, VII. 278; Venezuela's territorial claims: J. B. Austin, VIII. 420 †

British aggressions in: W. L. Scruggs, VI. 393 †

In the wilds of Venezuela: S. Paterson, XIII. 217 †

Inseln von der Nordküste von: W. Sievers, XIII. 217 †

Instruction publique au: L. Vincent et J. Humbert, XI. 319 †

Laws regulating Immigration, VIII. 193 †

Ludwigs Reisen in Coro: W. Sievers, XIV. 121 †

Maps—Karte von nördliches Venezuela: W. Sievers, VIII. 200 †, 540 †; Karten zur physikalischen Geographie von Venezuela: Id., VIII. 420 †, 638 §; IX. 343 †; Originalkarte der Canos im Oriente von Venezuela: W. Sievers, XII. 443 †

Pêche des perles au Venezuela: H. Quiévreux, XVII. 95 †

People, XIII. 40

Photographs: S. Paterson, XIV. 240; Do., Venezuela, Trinidad, and Port Darwin, XVIII. 654

Ports, XVII. 354

Republic of: Don N. Bolet, I. 184 †

River navigation, VIII. 298

VERBEEK

Venezuela—*continued.*

Short sketch of history, etc., VII. 682 †
Sievers' explorations, I. 273; Zweite Reise in Venezuela: W. Sievers, VII. 446 †; VIII. 297, 639 §

Statistics, XI. 101 †

Trade Rep., XV. 85 †

Un Gibraltar ignoré: M. J. Humbert, XVIII. 113 †

Venezuela; her government, etc.: W. E. Curtis, VII. 445 †; IX. 580 †

— in der Gegenwart: A. Olinda, XX. 470 †

Vénézuéla; période des Welser: L. Vincent et J. Humbert, XI. 456 †

Vom tropischen Tieflande zum ewigen Schnee: A. Goering, VI. 490 †

Welsertzuge im Venezuela: E. Hassert, XX. 128 †

Venice (*see also* Venetia)—

Geographical Congress at, V. 369 †

Lagoon of, bathymetrical phenomenon, IV. 366

Lagoons of: G. Boni, XII. 427 †

Historical Guides: G. Allen, XII. 537 †

Porto di Venezia: L. Pruno, VI. 293 †

Reading list on: H. Sperry, XIV. 331 †

Trade Rep., XVI. 244 †

Venice; Story of the Nations series: A. Wiel, IV. 469 †

Vennachar, Loch, rainfall of catchment basin, XV. 338; XV. 322, 351; Temperature, XV. 334

Venour, W. J.: Aro country in S. Nigeria, XX. 88 *

Venta Icenorum, site of Roman town, X. 513

Ventana mts., S. America, XII. 390; La Ventana: J. W. Tournay, XI. 97 †

Ventoux, Mont, Géographie du: E. Barrême, XV. 660 †

Ventre Bey, F.: Egyptiens connaissent-ils la source de leur fleuve? V. 283 †; Hydrologie du bassin du Nil, III. 348 †

Vennukoff, M. I.: biography: P. von Stenin, XIX. 112 †; Etat actuel du Turkestan russe, XVI. 248 †; Etudes géographiques, VIII. 535 †; Ile de Kildine, VI. 484 †; Indian Ocean, IV. 281 †; obituary, XVIII. 543; Observations météorologiques faites en Mandchourie, X. 648 †; Question du Turkestan, XV. 549 †; Recherches géologiques dans le Caucase central, IX. 233 †; Reduction des cartes topographiques, etc., VII. 447 †; Résultats des recherches du charbon minéral . . . en Sibérie, VIII. 651 †; Tunisie contemporaine, II. 279 †

Venus, Transit of, in 1768, Memorial of observation, XVII. 536; Do. 1874, Observations in N.S. Wales, II. 569 †

Vera Cruz; Estado do: D. J. Zárate, XIII. 564 †; Trade Rep., XII. 435 †; XVII. 556 †

Verbeek, R. D. M.: Geologie van Ambon,

VERBEEK

- XV. 295 †; *Geologie von Java*, XI. 452 †; *William Dampiers Leben und Werke*, XVI. 494 †
- Verbeek, R. D. M.: et R. Fennema: *Description géologique de Java et Madoura*, IX. 575 †, 662 §; *Geologische . . . und Vulkankarte von Java*, XI. 463 †
- Vercors (Drôme), Scialets et l'hydrologie souterraine du: E. A. Martel et A. Delebecque, IX. 573 †
- Verde, Cape, currents round, VII. 269; *Submarine gully off*, XIV. 401
- Verdolino, Vallone, X. 482
- Verhaegen, P.: *Impressions congolaises*, XIII. 680 †
- Verhelst, E.: *Aische-en-Refail*, VII. 327 †
- Verhoef, C.: *Blumen . . . der Insel Nordeneu*, VII. 439
- Verkehrswege der transoceanischen Segelschiffahrt in der Gegenwart: G. Schott, VI. 588 †
- Verkoyansk mts., Siberia, V. 373; XVI. 95
- Vermeersch, A.: *Au pays des Baribas*, XII. 326 †; *Historique de la Mission*, XII. 325 †; *Le Zuyderzee*, XIV. 675 †
- Vernlands-Län (Sweden), *Karta öfver*: A. H. Byström, XI. 108 †
- Vernagtferner, Der: S. Finsterwalder, XI. 307 †; XII. 76 §
- Verner, W.: *Map-reading and elements of field-sketching*, II. 189 †; *Military topography*, IV. 475 †
- : on lakes of Kasai basin, XIV. 211
- Verney, Sir F.: remarks on "Journey round Siam," VIII. 450; on "Journeys in Fr. Indo-China," II. 212; on "Journeys in Siamese E. coast States," XI. 490
- , Sir H.: obituary, III. 340
- , N., et G. Dambmann: *Les puissances étrangères dans le Levant*, XVI. 579 †
- Vernon-Harcourt, L. F.: *Bruges Ship-canal*, XIV. 330 †, 674 †; *Training of rivers*, V. 185 †
- Verpent, *Caveaux de*: J. Galimard, XIV. 222 †
- Verrazzano, G.: *Supposta identità di*: P. Peragallo, XI. 207 †; *Distinta personalità di Verrazzano e Florin*: Id., XVI. 259 †
- Verrier, E.: *Étude des arbres à quinquina*, VII. 219 †
- Verrill, A. E.: *Notes on geology of Bermudas*, XVI. 125 †
- Verschuur, G.: *Aux colonies d'Asie et dans l'Océan Indien*, XVII. 98 †; *De Azorische eilanden*, XX. 245 †; *L'île de la Réunion*, XV. 83 †; *L'île Maurice*, XV. 82 †
- Versepuy: *journey across Africa*, VIII. 516; IX. 326; *La Mission Versepuy*: *Baron de Romans*, IX. 462 †
- Vertical—*Sur la précision comparée de divers modes de réarpage de la verticale*: C. Lallemaud, X. 124 †

VIALA

- Vertical distribution of Snow, Plants, and Habitations*, VIII. 519
- Verwilghen: *A travers le desert du Gobi*, XIX. 230 †
- Veselovsk, N. T.: *Palladius Kafaroff on travels of Marco Polo in N. China*, XX. 352 †
- Vesme, E. Baudi di, and G. Candeo: *Explorations in Somaliland*: II. 359; *Escursione nel Paradiso dei Somali*, III. 252 †
- Vespasian, roads made during reign of, VIII. 470
- Vespucci—*Americ Vespuce*, dans l'histoire et dans la légende; tr. F. A. Georlette, IV. 476 †; *Do. et les géographes de Saint-Dié*: L. Gallois, XV. 445 †; XVII. 217 †; *Americus Vespucci*: H. Harris, VI. 490 †; *Amerigo Vespucci davanti alla critica storica*: G. Uzielli, XVIII. 242 †; *Data della nascita di*: E. Masini, XI. 689 †; *Centenary celebration at Florence*, XI. 185; *Do.*, *Discorso di . . . inaugurazione*, XVIII. 241 †; *Relazione di*: C. de Markino, X. 555 †; *Una lettera di*: H. Harris, XVI. 133 †; *Voyage from Lisbon to India*: trs., etc., C. H. Coote, V. 402 †
- Vest Fjord, Norway, I. 495
- Vestnik Král, *Ceske Společnosti Náuk*: J. Frejlich, X. 646 †
- Vestur-Skaptafell, Iceland, IV. 453
- Vesuvius—*Buried cities of*: J. F. Horne, XI. 681 †; *Cessazione della fase effusiva . . . al Vesuvio*: R. V. Matteucci, XV. 661 †; *Comparsa di fiamme nel cratere Vesuviano*: R. V. Matteucci, XII. 427 †; *Influence du Vésuve sur l'air des environs*: G. Melander, XIX. 650 †; XX. 100 §
- Note on eruption of September, 1898*: T. Anderson, XIV. 223 †
- Nuovo rilevamento del Vesuvio . . . di Alfredo Fiechter*, XVIII. 103 †
- Osservazioni fatte al Vesuvio*: M. Baratta, X. 453 †
- Photographs showing eruption of*: R. V. Matteucci, XVI. 264
- Schichten-Reliefs des Vesuv*: M. Ebeling, X. 453 †
- Vésuve et Capri*: C. Durier, IX. 336 †
- Vésuve et la Somma*: A. de Lapparent, XIII. 452 †
- Vetapu river, New Guinea*, XII. 418
- Veth, P. J.: *Biography*: P. A. V. Lith, XI. 208 †; *Catalogue de la Bibliothèque de*, XIV. 466 †; *Nederlanders in Afrika*, I. 567 †; *obituary*, V. 600; *Paard onder de Volken van het maleische ras*, V. 88 †
- Viala, L. F.: *Considérations économiques sur le Brésil*, XIV. 121 †; *Etats-Unis et le Far-West*, IX. 240 †; *Formation basaltique de Montpellier*, I. 467 †; *Gisements d'or en France*, VI. 292 †; *Guyane*

VIALATE

- française, VIII. 192 †; Serane et ses mines d'or, XX. 464 †; Val d'Aran et les sources de la Garonne, XI. 566 †; Voyage en Espagne, XVI. 121 †
- Viallate, A.: Développement territorial des États-Unis, XX. 469 †
- Vianna, A. R.: Goncalors; . . . phonologie historique portugaise, II. 184 †
- , F. V.: State of Bahia, VI. 583 †
- Viatka—Oro-hydrographische Skizze . . . Wjatka: P. Krotow, VIII. 307 †
- Vibart, P.: Exploration aux Antilles, VII. 335 †
- Vienti, Zambesi, II. 406
- Vichy, Geological researches in environs of: G. Dollfus, IV. 375 †
- Victoria, Queen; Address from R.G.S., X. 91, 206; Commemoration of reign; President's address, XVII. 225*; death, Sir C. R. Markham on, XVII. 105; Progress of exploration and consolidation of the Empire: Sir G. T. Goldie, XVII. 231*; Advances in Asia: Sir T. H. Holdich, XVII. 240*; Victorian Era in Geography: H. R. Mill, IX. 686 †
- Victoria, Australia—
- Aborigines' Report of Board for protection of, XX. 672 †
- Cloud observations in: P. Baracchi, XIV. 586 †
- Colony of: E. J. Dyer, IX. 466 †
- Distribution of land and fresh-water vertebrates: A. H. S. Lucas, XI. 320 †; XII. 80 §
- Geography of: A. Sutherland, III. 75 †
- Intercolonial water rights in, XIX. 760
- Irrigation in: G. Gordon, XVII. 214 †
- Letters from Victorian pioneers; ed. T. B. Bride, XV. 86 †
- Statistical register, † VII. 446; IX. 580; XIII. 684; XVII. 454; abstract, XIV. 586 †
- Tourist's railway guide: F. Myers and T. Chambers, I. 570 †
- Year-books, † II. 475; III. 536; VII. 336; XX. 249
- Victoria, Hong-Kong, Plan (Public Works Dept.), XIX. 245 †
- , Vancouver I., Photographic View Album, XV. 452
- , cave, Derbyshire, X. 508
- , falls, Zambesi, II. 487; IX. 128; Photographs: F. J. Newnham, VIII. 96
- , glacier, New Zealand, VII. 495
- , inlet, Greenland, II. 310
- , lake, Pamirs, VII. 93; VIII. 100, 246, 248; XIII. 51, 444, 473
- , land, Antarctic, XIV. 9, 474; XVI. 383, 400; XVIII. 17; discovery, III. 8, 28; see South Victoria Land
- , Mt., Burma, XI. 547
- , University, Geography at, X. 101
- Victoria Nyanza—country between Tanganyika and, IX. 248; features and nomenclature of N.E. shores, XVII. 304; islands, XIX. 18; rise and fall,

VIENNA

- Victoria Nyanza—continued.
- IV. 248; routes to, VI. 316; VII. 662; VIII. 496; IX. 89; steamer for, IX. 327; tribes, XII. 365
- Am Ostufer des: G. A. Fischer, V. 384 §, 606 †
- Baumann's journey between Victoria Nyanza and Tanganyika, I. 228
- Du lac Nyanza au lac Kivou; L. Classe, XX. 125 †
- Geologische Aufbau des deutschen Westufers des: Haupt. Herrmann, XIV. 583 †; XV. 179 §
- Herrmanns Aufnahmen zwischen dem Victoria Nyanza und dem Kagera, XIV. 321 §, 460 †
- Journey to: G. H. Gorgea, XVI. 78*
- Level of: E. G. Ravenstein, XVIII. 403*
- Map—Südufer des: P. Brard, IX. 691 †
- Region of, VI. 302
- To Victoria Nyanza by Uganda railway: B. Whitehouse, XIX. 771 †
- Trotha's journey to, IX. 90
- Victoria Nyanza; Land, races, etc.: P. Kollmann, XV. 551 †
- : P. Brard, X. 96 §, 229 †
- Volkstämme der deutschen Ostküste des: H. Schlobach, XIX. 233 †
- With Railway Survey to: J. W. Pringle, II. 112*
- Victoria Regina Atlas: W. & A. K. Johnston, IX. 351 †; XIX. 116 †
- Victorian Era in Geography: H. R. Mill, IX. 686 †
- Vidal de la Blache, P.: Atlas, † I. 96, 479; II. 192, 480; III. 260, 443; IV. 96, 479; Biography of P. Blanchet, XVII. 217 †; De l'habitation sur les plateaux limoneux du Nord de la France, XIX. 392 †; Education des indigènes, X. 234 †; Géographie politique à propos des écrits de F. Ratzel, XII. 220 †; Leçon d'ouverture du cours de géographie, XIII. 688 †; Origine du commerce de la soie par voie de mer, XI. 459 †; Principe de la géographie générale, VII. 340 †; Rivière Vincent Pinzon, XIX. 659 †; XX. 343 §; Voies de commerce dans la géographie de Ptolémée, X. 555 †; Zone frontière de l'Algérie et du Maroc, X. 552 †
- Vidal-Gormaz lake, Patagonia, XIV. 361, 364
- Viedma, A.; journey in Patagonia, XVI. 21
- Viedma, lake, Patagonia, XIV. 262
- Viellerobe, A.: Hautes régions des Amazones (Madre-de-Dios), XIV. 214 §, 342 †; Mapa del Peru, X. 660
- Vielliard, E.: A travers le Tyrol, XV. 545 †; Dans les Karpatcs, XX. 239 †
- Vienna—
- College of Meteorology, Directorship, X. 332

VIENNA

Vienna—continued.

- Colonia Italiana in: G. Zannoni, XII. 91†
 Congress, Geography at, IV. 570;
 Physical Geography at, V. 266*; International Geological Congress, XX. 660
 Duration of snow-layer at, IX. 557
 Expansion of; F. Umlauf on, II. 65
 Geographical Society, Catalogue of Library, XV. 447†
 Geographische Lage von Wien: A. Penck, XII. 91†
 Growth of, XVII. 427
 Maps—Plan der Reichshaupt- und Residenzstadt Wien: A. Hartleben, † XV. 678; XVIII. 117; XX. 368; School Wall Map; G. Freytag, I. 574†; C. Peip's Taschenatlas von wien, VIII. 427
 Meteorologie von Wien: J. Hann, XIX. 103†
 Military Geographical Institute, VI. 566; VII. 91; researches on earthquakes, IX. 224
 Origin of name; T. R. von Grienberger on, III. 329
 Population of, in relation to place of origin, VI. 383
 Site of earliest triangulation; S. Welisch on, XIV. 203
 Topographie im Wiener Walde und Wiener Becken: A. Grund, XIX. 648†; XX. 451§
 University of, Geographical Association at XIV. 659; geography at, VII. 91
 "Urania," XI. 444
 Vienne, E.: Mayotte et les Comores, XVI. 699†
 Vienne and Loire, Confluence of, XI. 432
 Vierkandt, A.: Indianerstämme, etc., X. 651†; Kulturformen und ihre geographische Verbreitung, X. 460†; population maps of W. Central Africa, VIII. 520§; Volksdichte im westlichen Central-Afrika, V. 605†; VI. 183§
 Viezzoli, F.: Figura della Terra, IV. 381†
 Vignér, F.: Bezeichnungen für Volk und Land der Deutschen, XIX. 650†
 Viglino, F.: Excavation des lacs alpins par les glaciers, XV. 432†
 Vignaud, H.: Lettre et la carte de Toscanelli, XIX. 240†, 749§
 Vignéras, S.: Notice sur la Côte française des Somalis, XVII. 91†; Une mission française en Abyssinie, X. 456†
 Vignon, L.: L'exploitation de notre empire colonial, XVI. 495†; Sociétés indigènes et le problème de la colonisation, XI. 458†
 Vigoni, P.: La Tripolitane, XX. 669†
 Viguier, M.: La Géographie dans les Chaires de l'Université, II. 568†
 Vijayanagar, deserted city of: C. Rolleston, VIII. 91†
 Viking of to-day, etc.: W. T. Grenfell, VI. 392†

VINELAND

- Vilches, Don E. L.: Fernando Poo y la Guinea española, XX. 467†
 Vilers, Le Myre de: Une colonie française de la fin du XIX^e siècle, XI. 567†
 Vilima Vivili, height and position, IV. 436
 Vilkitzki, A.: Atlas of Yenisei river, XVIII. 462†; expedition in N. Siberia, etc., V. 489; VII. 545; XIX. 378; Hydrographischen Expedition nach den Flüssen Jenissei, etc., XI. 92†; pendulum observations, IX. 567
 ———, and N. Ivanov: Difference of longitude between Yeniseisk and Krasnoarsk, XI. 197†
 Villafranca, R.: Costa Rica, X. 457†
 Villard, R. A. de: Maps of Formosa and Korea, IV. 582†; Map of Yangtse-Kiang, VIII. 198
 Villareal, F.: Posición geográfica del Faro de Palominos, XI. 100†
 Villari, L.: Austria-Hungary's colonial experiment, XX. 665†
 Villars, D.: Voyage de Grenoble à la Grande-Chartreuse, XIII. 318†
 Villegagnon: A. Heulhard, XI. 323†
 Villeroy: Linguagem dos Indios Coroados, Boror, I. 87†
 Ville-Timchenko bathometer, description, II. 175
 Villiers, C. H.: expedition to N.E. Africa, I. 71, 167; II. 19
 ———, F.: Journey from the Nile to Suakim, XI. 454†
 ———, M. de: England's advance N. of Orange River, XI. 577†
 Vilsalpsee, depth, etc., VII. 199
 Vilui, Siberia, navigation on, V. 381
 Vimbe hills, C. Africa, I. 107
 Vincent, A.: L'île de Djérba, IX. 240†
 ———, B.: Haydn's Dictionary of dates, etc., XIII. 101†
 ———, F.: Actual Africa, V. 605†
 ———, Sir H.: British in S. America, IX. 683†
 ———, J.: Réforme de l'enseignement de la géographie, XVI. 375†
 ———, L., et J. Humbert: L'instruction publique au Vénézuëla, XI. 319†; Simon Bolivar, sa vie, son œuvre, XIII. 99†; Vénézuëla: période des Welser, XI. 456†
 ——— et Burot: Le paludisme à Madagascar, VIII. 531†
 Vincent Pinzon, La rivière: P. Vidal de la Blache, XIX. 659†; XX. 343§
 Vincenz, F. von: Ausflug zu den Teppich-Knupfern in Kula, XVII. 551†; Besuch auf der Insel Telos, XV. 550†; Reise nach den Stein-Kaskaden von Hierapolis, XVII. 90†
 Vince, V. G. de: Le renne et le lapon, XVII. 545†
 Vinciguerra, D.: Studi limnologici a tutti i laghi italiani, etc., X. 452†
 Vindhyan rocks of India, III. 170
 Vineland: see Vinland

VINES

- Vines, S. M.; remarks on "Exploration on and around Aconagua," XII. 486
- Vinland and its ruins : C. Horsford, XV. 668 †; Pre-Columbian Scandinavian colony in Mass. : A. C. Haddon, XVII. 557 †; Vinland vindicated : M. Howley, XV. 553 †; Vinland voyages : C. S. Smith, I. 568 †; Whereabouts of V. : Hon. L. G. Power, I. 183 †
- Vinnikoff, N.: Trigonometrically determined points in the Caucasus, XII. 186 §, 206 †
- Vinson, M.; Port . . . d'Antibes, XVI. 570 †
- Virchow, R.: Bevölkerung der Philip-pinen, X. 550 †; XIV. 335 †; Troischen Ida, die Skamanderquelle, etc., I. 468 †; Ueber die ethnologische Stellung der . . . Aegypter, XIV. 336 †
- Vire, A.: Gouffre de la Pissière près Ar-bois, XI. 564 †; Pyrénées souterraines, XIII. 88 †
- Virgin Is., Report, XII. 544 †
- Virginia—
Cartography : P. L. Phillips, X. 457 †
Flora of W. Virginia : C. F. Millspaugh and W. L. Nuttall, VIII. 313 †
Indians, Government, etc., of : S. R. Hendren, VII. 334 †
Representation in : J. A. C. Chandler, VIII. 312 †
Struggle for religious freedom in : W. T. Thom, XVII. 452 †
Tobacco industry in History : B. W. Arnold, IX. 579 †
White servitude in : J. C. Ballagh, VII. 216 †
- Viron or Wiron valley, Kafirstan, IV. 194
- Virunga mts., V. 358; *see* Kirunga
- Viscachas river, Patagonia, X. 406; XIV. 258
- Vischer, G. M. : A. Altinger, XII. 441 †
- Vissière, A.: Transcription française des sons chinois, XX. 132 †; Visite à l'ancienne capitale du Manzi, XVIII. 323 †
- Vistula river—new channel, VI. 564; re-opening of Elbing mouth, XII. 409; Memel-, Pregel-, und Weichselstrom : J. Partsch, XIX. 394 †; Untere Weichsel und ihre neue Mundung : A. Zweck, VII. 327 †
- Viterbo, S.: Early settlements in Sierra Leone, IX. 559; Os Portuguese e o Gentio, IX. 467 †; Trabalhos nauticos dos Portuguezes, XIII. 99 †; XV. 557 †
- Viti : *see* Fiji
- Viti, crater, Iceland, XIII. 506
- Vitim plateau ; I. A. Lopatin's journey on XII. 411
- Vitkovski, V.: Advantages of an equal-area conical projection, XVII. 562 †
- Vivaraïs, Le : L. Bourdin, XIII. 318 †
- Vivian, H.: Abyssinia, XVII. 552 †; Ser-via, the poor man's Paradise, XI. 193 †;

VOHSEN

- Tunisia and modern Barbary pirates, XIV. 682 †
- Vivian, W.: Mendi country, IX. 463 †
- Vivien de St. Martin : *see* St. Martin and F. Schrader : Atlas Universel de Géographie : *see* Schrader, F.
- Vivienne, M.: Travels in W. Australia, XVIII. 338 †
- Vizagapatam, Meteorology of : W. A. Bion, XIV. 115 †; XV. 436 †; Report . . . Juggarow Observatory, XIV. 579 †
- Vladikavkaz, Museum at, II. 169
- Vladivostok and Korea ; W. C. Hillier's report on, I. 456 §; Prisons in Vladivostok and Sakhalin : B. Howard, XII. 207 †
- Vlok, T. C. von ; temperature observations at Mkomo mts., XI. 522
- Vlugt, V. von der : Pour la Finlande, XVII. 546 †
- Voeltzkow, A.: Coccolithen und Rhabdo-lithen nebst . . . Entstehung der Al-dabra-Inseln, XX. 466 †, 541 §; Die von Aldabra . . . Flora and Fauna, XX. 466 †; Reisen in Madagaskar und Ostafrika, XI. 314 †; Von Beseva nach Soalala, Reisekizze aus West-Madagas-car, II. 278 †; Vom Morondáva zum Mangóky, VIII. 418 †; West-Madagas-kar auf Grund eigner Anschauung, VIII. 311 †
- Vœux, Sir W. des : Connection of Eng-land with Newfoundland, XIV. 683 †; Delusions about tropical cultivation, V. 186 †
- Vogan, A. J.: Map of Coolgardie gold-fields, VII. 688 †
- Vogel, C.: Alphabetisches Namenver-zeichnis zur Karte des Deutschen Reichs, III. 78 †; Biography : H. Wag-ner, XI. 208 †; Karte des Deutschen Reichs, II. 570 †; on photography of stars, II. 427
- , H. K.; biography : J. Holetschek, III. 257 †
- , J. P.: Gegevens . . . handels-verbinding tusschen Indie en China, XIII. 678 †
- and L. von Ammon : Reisen im Mato Grosso 1887–88, III. 440 †
- Vogelsang, K.: Wege-Aufnahmen im nördlichen Teil der Provinz Chi-li, XIX. 245 †
- Vogler, P.: Verbreitungsmittel der Pflanz-en in der alpinen Region, XX. 364 †
- Vogt, H.: Karte der winterlichen Sonnen-auf- und untergänge, etc., VIII. 194 †
- , J.: Istiden under . . . norsk-finske endemoræner markerede stadium, I. 82 †
- Vogtland als orographisches Individuum ; A. Wohlrab, XV. 188 †, 276 §
- Vohsen, E.: Die belgischen Eisenbahn-Projekte am oberen Kongo und die

VOI

- deutsch-ostafrikanische Seebahn, XIX. 232 †; Gando, XV. 298 †
- Voi river, E. Africa, II. 117; station on Uganda railway, XI. 668; valley, V. 549, 554
- Voigt, E.: Wann erfolgte der Untergang der Andreeschen Polarexpedition? XIX. 404 †
- Voil, Loch; soundings, XV. 325; temperatures, XV. 335
- Voisin Bay: Travaux d'amélioration de l'embouchure du Danube, etc., I. 563 †
- Voizot, P.: Tampico et les travaux du Pañuco, I. 281 †
- Volante, L. U. A.: Il piu grande avvenimento . . . scoperta tecnica del Polo Nord, IX. 110 †; Invocazione . . . a favore di Andrée, XII. 328 †; La luce nel terremoto, IX. 112 †
- Volcanoes**—
- Ancient, of Great Britain: Sir A. Geikie, IX. 679 †; X. 307 §
- Dates of volcanic eruptions, etc.: J. P. O'Reilly, XV. 302 †
- Distribution géographique: Delauney, IX. 686 †
- Expulsion of gases from the Earth: N. S. Shaler, IX. 686 †
- Geographische Verbreitung der Vulkane: C. W. Wägler, XVIII. 540 §, 556 †
- Geologische . . . experimente; Vulkanische und Massen-Eruptionen: E. Reyer, I. 283 †
- Geologische Betrachtungen auf vulkanischen Inseln: P. Grosser, XV. 199 †
- Hot springs and volcanic phenomena: E. Suess, XX. 517 *
- Phénomènes éruptifs sous-marins: J. Girard, VII. 568 †
- volcaniques dans . . .
- Pocéanographie: J. Thoulet, XVI. 705 †
- Rôle des gas souterrains dans . . . montagnes volcaniques: A. Daubrée, I. 283 †
- Stübel's Vulkanforschungen: P. Grosser, XV. 557 †
- Théorie des volcans: A. Taquin, XX. 364 †
- Théorie du phénomène volcanique à propos . . . des Antilles: S. Meunier, XX. 659 §, 674 †
- Volcanic dust, Reports of vessels: J. Page, XX. 672 †
- phenomena; J. L. Lobley, VII. 568 †
- (and Earthquake), recent, XX. 547, 636
- Volcanoes, their structure and significance: T. G. Bonney, XIII. 687 †
- Vulkane der Erde, etc.: A. Pawloff und S. Tschulok, XVIII. 240 †
- Volga river—
- Commerce, etc., in summer and winter: F. W. Gross, III. 251 †

VREDENBURG

Volcanoes—continued.

- De la Volga à la frontière Sibérienne: G. Saint-Yves, XI. 566 †
- Du Volga à l'Irtisch: Baron de Baye, IX. 238 †
- Lakes in region of sources of Volga and W. Dwina: D. I. Anuchin, XIII. 319 †
- Pêcheries de la Volga: H. de Varigny, IX. 574
- Up the Volga: J. W. Page, XII. 94 †
- Volhynia, Geologie des Lutzk'schen Kreises im: P. Tutkowski, XII. 94 †
- Volkens, G.: biography, XVII. 565 †; Exkursionen am Kilima-Ndjaru, IV. 273; V. 595 §, 607 †; Reise nach den Karolinen und Marianen, XIX. 777 †; Do. nach Moschi, IV. 189 †; Ueber die Karolinen-Insel Yap, XVII. 680 †
- Voll, N.: Expédition polaire norvégienne, XIII. 97 †; Voyage au Spitzberg, X. 459 †
- Volossovitch, K. A.: expedition to New Siberia, XVI. 232, 567
- Volta, A., ed i suoi studi sulle fontane ardenti, etc.: M. Baratta, XIV. 454 †
- Volta river, White, XVI. 683
- Volz, W.: Ethnographic investigations in Sumatra, XI. 672; Hausbau . . . den Battakern in Nordsumatra, XIV. 335 †; Zum Toba-See in C. Sumatra, XV. 80 †
- Von; for surnames so prefixed, see surnames
- Vopell, C., Kölner Kartenzeichner: H. Michon, III. 77 †
- Vöringfos, waterfall, Norway, IV. 525
- Vosges**—
- A travers les Vosges et le Jura: E. Cantineau, XIV. 452 †
- Histoire géologique des: A. de Laparent, IX. 336 †
- Laes des Vosges: A. Delebecque, VI. 579 †; J. Thoulet, IV. 184 †; VI. 292 †
- Montagnes de France; Les Vosges: G. Fraipont, V. 395 †
- Prononciation de noms de lieux dans les: A. Fournier, X. 547 †
- Seen der Westvogesen: L. G. Werner, XIX. 395 †
- Voss, K.: on Congo-Zambezi water-parting, XIX. 176
- Voulet: Le Mossi, XI. 95 †
- et Chanoine: Dans la Boucle du Niger, XII. 99 †; Expedition in Fr. Sudan, XIV. 320; XV. 281; Mission au Mossi et au Gourounsi, XII. 212 †; Mission Voulet-Chanoine: Chanoine, XIV. 459 †; XV. 297 †
- Voyageurs et les images: P. Radiot, XV. 676 †
- Voynich, W. M.: Supplement to eighth list of books on Exhibition, XX. 345 §, 564 †
- Vredenburg, E.: Geological sketch of

VRIES

- Baluchistan desert and part of E. Persia, XIX. 395 †, 632 §; Recent Artesian experiments in India, XIX. 212 §, 396 †
- Vries, J. H. de: Reis door . . . Residentie Amboina, XVI. 697 †
- Vuacheux, F.: *Mémoire et lettre du géographe Philippe Buache*, XX. 675 †
- Vuillier, G.: Aux rivages de Majorque, XX. 240 †; La Sicile, VII. 328; La Sierra de Majorque, XV. 661 †
- Vuillot, P.: Carte des Missions Catholiques du Centre Africain, XVIII. 456 †; du Sahara et du Nord-Ouest de l'Afrique, IV. 384 †; de la région de Tombouctou, VII. 451 †; Du Dahomey au Niger, XII. 99 †; L'exploration du Sahara, VI. 195 †; VII. 276 §; Mort de Mlle. Tinné, XII. 219 †; Reconnaissances dans la région des lacs de Tombouctou, XII. 434 †; Région de Bassikounou, XI. 667 §, 685 †; Voyage de Nefta à Ghadames, VIII. 530 †
- Vumba, E. Africa, II. 513; Notes on history of: A. C. Hollis, XVIII. 328 †
- Vyrnwy aqueduct, III. 490; works for water-supply of Liverpool: G. F. Deacon, IX. 337 †

W.

- Wa (Wom) river, C. Africa, VII. 533; XII. 191; XVII. 306; Problème du Wam: A. J. Wauters, XVI. 250 †; XVII. 553 †; Question du Wame, XVII. 305 §, 553 †
- states and tribes, Burmese frontier, X. 325
- Waag, Topographische Skizzen von: K. Siegmeth, XI. 192 †
- Waakhausen, Das schwimmende Land von: A. Kohlenberg, XII. 426 †
- Wäber, A.: Die Bergnamen des Berner Oberlands, III. 436 †, 513 §
- Waboni tribe, E. Africa, I. 212; IV. 106; IX. 56
- Wachagga tribe, V. 595
- Wachin, Sechuan, XV. 624
- Wachs, A.: Etappenstrasse von England nach Indien, XIV. 690 †
- Wächter, E.: Der grönländische Eskimo, XI. 457 †
- Wad el-Metha, province, Taflet, V. 332
- Ifri, province, Taflet, V. 332
- Jedi, XX. 507
- Medani, Sudan, XIV. 208; XVIII. 573
- Misfiwa, Morocco, V. 320
- Rir, oases, Sahara, XX. 508
- Wadai—Notes sur le Ouadai, XX. 357 †; Unexplored areas of, II. 485
- Waddell, L. A.: Among the Himalayas, XIII. 320 †, 422 §; Buddhism of Tibet or Lamaism, V. 508 †, 594 §; Discovery of site of . . . Pataliputra, II. 563 †; Environments and native names of Mt. Everest,

WAGNER

- XII. 564 †; Falls of the Tsang-po (San-Pu) and identity with Brahmaputra, V. 258 †; Hot springs in S. Bihar, II. 562 †; Identification of . . . Chitratala, V. 88 †; List of Sikkim birds, II. 473 †; photographs of Kanchanjanga, XI. 464; Physical types . . . of wild tribes of Brahmaputra valley, XVI. 247 †; Place and river names in Darjiling district, II. 562 †; Tibetan guide-book to lost sites of Buddha's birth and death, X. 455 †; Tribes of Brahmaputra valley, XIX. 396 †
- Wade, H. T., and R. de Villard: Map of shooting districts between Shanghai and Wuhu, IV. 191 †
- , M. S.: Clondyke goldfields, X. 650 †
- , Sir T.: obituary, VI. 288
- Wadelai, upper Nile, IX. 369; XX. 614; position, IX. 390
- Wadis: see under specific names
- Wadhaka people, E. Africa, IV. 115
- Waeber, C.: Map of N.E. China, XVII. 392 †; N.E. China, II. 478 †
- Waembe tribe, E. Africa, I. 534; II. 367
- Wafiome tribe, E. Africa, IV. 249
- Wagaia tribe, E. Africa, VI. 276
- Waghorn, A. E.: Pioneer of short and rapid route to India, XIII. 220 †
- Waginia tribe, C. Africa, V. 436
- Wäglar, C. W.: Verbreitung der Vulkane, XVIII. 540 §, 556 †
- Wagner, E.: Aus dem Mittelgebirge Deutschböhmens, XX. 238 †
- , H.: Apians Bestimmung der magnetischen Missweisung, etc., XVIII. 240 †; Areal und mittlere Erhebung der Landflächen, VII. 218 †; Areas of land and water of the globe, VI. 100 †, 516 §; Arthur Breusing, I. 283 †; Biography: W. Sievers, XVI. 259 †; Do. of Carl Vogel, XI. 208 †; Découverte et évolution cartographique de Terre-Neuve, XVIII. 334 †; Dritte Weltkarte Peter Apians, I. 187 †, 560 §; Geographisches Jahrbuch, † II. 568; V. 188; VII. 340; IX. 451, 688; X. 656; XII. 106; XIV. 237; XVI. 376; XVII. 99; XVIII. 461; XIX. 243; XX. 252; Grosse der britischen und französischen Besitzungen . . . in Indien, XIV. 225 †; History of Cartography, V. 590; Hypsométrischen Ergebnisse der Expedition von Dr. Meyer, II. 186 †; Kleinen Mittelmeer-Meile auf den italienischen Seekarten, XIX. 409 †; Do., Ursprung der, XVII. 80 §, 217 †; Lehrbuch der Geographie, XV. 558 †, 626 §; Leitfaden durch den Anbaufläche Babylonien, XX. 244 †, 668 †; Vignaud, La lettre et la carte de Toscanelli, XIX. 782 †

WANGER

- Wanger, H. and A. Supan: Bevölkerung der Erde, I. 572 †
 —, P.: Ardennen, XX. 238 †; Alpenflora in ihren Beziehungen zum Klima, XII. 425 †; Schneedecke in bayrischen Waldgebirge, XVIII. 218 §, 225 †; Schneeverhältnisse im bayrisch-böhmischen Grenzgebirge, XII. 426 †; Seen des Böhmerwaldes, XIII. 530 †; XV. 78 †
 —, R.: Defences . . . required by China, XII. 539 †
 —, Count W. von; obituary, VIII. 185
 Wabab, F.: surveys on Pamir Boundary Commission, VII. 92; round Aden, II. 154
 Wahabis, their origin, etc.: S. M. Zwemer, XIX. 651 †
 Wahehe, Die: W. Arning, X. 121 †; Do.: K. Weule, IX. 340 †; *see also* Uhehe
 Wahl, M.: L'Algérie, XI. 453 †
 Wahlroos, A.: Hafstrandens förskjutning . . . Finlands vestkust, IX. 678 †
 Wahnschaffe, F.: Endmoränen des norddeutschen Flachlandes, XVIII. 225 †; Erinnerungen an O. Torell, XVII. 682 †; Geologischer Ausflug in die Lüneburger Heide, XVII. 85 †; Glacial-Bildungen des norddeutschen Flachlandes, XIX. 393 †; Oberflächengestaltung des norddeutschen Flachlandes, XVII. 544 †
 Wahuma tribe, C. Africa, V. 358
 Waigats I., XI. 342, 347
 Waiho river, New Zealand, V. 61
 Waimai tribes: *see* Elgumi
 Wainad, Goldfields of: H. H. Hayden and F. H. Hatch, XIX. 653 †
 Wainfleet, Roman site at, X. 514
 Waiomongo tribe, Venezuela, XX. 289
 Wakajulu tribe, XII. 366
 Wakamba tribe, E. Africa, II. 119, 122; IV. 118; VII. 551
 Wakaramojo, E. Africa, XIV. 136
 Wakavirondo villages and people, II. 137
 Wake, C. S.: Memoirs of International Congress of Anthropology, V. 186 †
 Wakedi, country and people, Upper Nile, IX. 373; XIII. 410
 Wakefield, C. C.: Future trade in the Far East, VIII. 415 †
 —, E. G.; biography, XIII. 220 †
 —, T.; obituary, XIX. 224
 Wakeham, W.: Report of expedition to Hudson Bay, etc., XII. 212 †
 Wa Kelosh tribe, IX. 179
 Wakenye tribe, E. Africa, VI. 277
 Wakhan, Pamirs; mts., VIII. 33; XVI. 670; people, X. 537
 — river: *see* Ab-i-Panj
 Wakhjir pass, Pamirs, II. 391; VIII. 43, 46, 114; XX. 580
 Wakikuyu tribe, E. Africa, IV. 113; XV. 460
 Wakilindi and other tribes; Storch on customs of, VI. 429

WALES

- Wakimbu country, E. Africa—Prince's und Stadlbaur's Reisen im Wakimbulande: R. Kiepert, XI. 685 †; XII. 79 §
 Wa-Kisesa tribe, Kavirondo, XII. 364
 Wakkhi nomads, Turkestan, V. 243
 Wakoko, country, VIII. 637
 Wakonde tribes, Nyasaland, II. 323; V. 112
 Wakonja tribe, E. Africa, VI. 312
 Waksell: Reports on Behring's Expedition, II. 68 §
 Wakua steppe, Ger. E. Africa; von Behr's journey across, I. 376 †, 547 §
 Walamba tribe, C. Africa, XVII. 44
 Walamo district, Abyssinia, XVI. 297
 Walangulo tribe, V. 557
 Walcott, C. D.: Cambrian rocks of Pennsylvania, VIII. 653 †; N. American Continent during Cambrian time, V. 90 †; Post-Pleistocene elevation of Inyo range, X. 456 †; U.S. Geological Survey, Annual Report, XI. 317 †; director of, VI. 253; Fossil medusæ, XIV. 229 †
 Walldau, G.: Resa till Ngolo-landet, VII. 563 †
 Walde, A.: Zur Besiedelung Tirols durch illyrische Stämme, XII. 624 †
 Walder, E.: Heinrich Zeller-Horner, XVI. 133 †
 Waldo, F.: Elementary meteorology for high schools, IX. 245 †
 Waldron, F. W.: Mud island at Walfish Bay, XIX. 218 §, 234 †
 Waldseemüller, M.: Early maps by, containing name America, X. 328; XIX. 203; "Solidum," letter from G. G. Chisholm on, XIX. 389; letter from E. G. Ravenstein, XX. 462; Waldseemüller chanoine de Saint-Dié: L. Gallois, XVII. 565 †
 Waldvogel, T.: Lützelsee und das Lautikerried, XVIII. 323 †
 Wales (*see also* under England)—
 Bala lake and river system of N. Wales: P. Lake, XVI. 364 †, 679 §
 Bibliographical, etc., Memoranda on Wales and Monmouthshire, IX. 236 †
 Fishguard invasion by French in 1797: D. Rowlands, III. 436 †
 Geography of: A. E. L. Hudson, XIX. 651 †
 Mediæval Wales: A. G. Little, XX. 352 †
 Modern denudation in N. Wales: J. R. Dakyns, XV. 548 †
 Origin of river system of S. Wales: A. Strahan, XX. 97 §, 241 †; S. S. Buckman on, X. 533
 Recent denudation in Nant Ffrancon, N. Wales: E. Greenly, XVII. 547 †
 Roman roads in, X. 519
 Submerged rock valleys in S. Wales, Devon and Cornwall: T. Codrington, XII. 626 †
 Thorough Guide Series: Baddeley and Ward, N. Wales, † V. 604; XIII.

WALES

Wales—continued.

- 676; XV. 78; XX. 352; S. Wales, XVI. 574 †
- Wales (Story of the Nations series): O. M. Edwards, XIX. 651 †
- and its literature: N. MacNish, IX. 236 †
- Walfish Bay, Mud island at: F. W. Waldron, XIX. 218 §, 234 †
- Wali Suleiman, chief, Arabia, VI. 117
- Walke, mt., E. Africa: *see* Lolokwui
- Walker, B. E.: Canadian surveys and museums, XVI. 489 †
- Walker, Sir C. P. B.: Days of a soldier's life, VI. 102 †; Obituary: W. H. Goodenough, III. 241; remarks on "Journey from E. coast to Uganda," I. 75
- , E. O.: Telegraphic communication between England and India, III. 346 †
- , G. C.: Gazetteer of Lahore district, V. 180 †
- , G. W.: Aborigines of Tasmania, XII. 328 †
- , H. de R.: W. Indies and the Empire, XIX. 529 †
- , J. B.: Cartography of Terra Australis and New Holland, XVI. 590 †; Deportation of Norfolk islanders in 1808, VI. 585 †; Discovery of Van Diemen's Land, VI. 585 †; Life and voyages of Tasman, VII. 684 †
- , J. F.: Irish Channel tunnel, IX. 574 †
- , J. T.: Letter on height of Peak Godwin-Austen (K2), III. 339; obituary, VII. 320; remarks on "Chitral, Hunza, and Hindu Kush," V. 426; on "Journey across C. Asia," III. 474; on "Journey across Tibet," I. 405; R.G.S. Map of Tibet, IV. 52 †; Terrestrial refraction in W. Himalaya, IV. 88 †
- , R.: Notes on Uganda, I. 377 †
- , R. S. F.: Perak administration report, XIX. 105 †
- , T. L.: Geological sketch of . . . Jeypore Zemindari, XVI. 487 †; Geological . . . studies of Sudbury nickel district, IX. 463 †
- Wallace, A. R.: Australasia; Stanford's Compendium, III. 74 †; distribution of animals, III. 99; Ice-age and its work, III. 256 †; Inaccessible valleys, I. 571 †; Permanence of great oceanic basins, I. 186 †; 230 §; Proposed gigantic model of the earth, VIII. 195 †
- , L. A.: expedition to lake Rukwa, VI. 668; Journeys on Tanganyika plateau, XIII. 595 †; letter on lake Rukwa, XV. 291; Photographs on journey from Salta to La Paz, XV. 96
- , R.: Agriculture in S. Africa, XVIII. 110 †; Colonial and Indian agriculture, XVI. 707 †; Farming industries of Cape Colony, VIII. 310 †, 481 §

WALTON

- Wallace, S. W.: Low Nile of 1899, XV. 550 †
- , T. D.: Geological notes on Strathdearn and Aviemore railway, XIV. 579 †
- , W.: Journey through Sokoto and Borgu, VIII. 211 *
- Wallach, H.: Map of Gold Coast, with part of Ashanti, XVII. 222 †; XIX. 665 †; W. African Manual, XVII. 552 †
- Wallachia—Mouvements du Sol . . . en Valachie: E. de Martonne, XVIII. 210 §, 322 †
- Wallas, G.: on teaching of geography, XIX. 82
- Waller, F. A.: History of Rev. Oddo Gislason of Iceland, V. 179 †
- , H.: Case of our Zanzibar slaves, VII. 443 †; Health hints for C. Africa, I. 566 †; Heligoland for Zanzibar, I. 280 †; obituary, VII. 558; remarks on "Br. C. Africa Protectorate," V. 216
- Waller, mt., Nyasaland, X. 292
- Wallis, H. S.: Biography of G. J. Symons, XVI. 133 †; British rainfall 1899, XVI. 695 †
- and H. R. Mill: On distribution of rain over British Isles during 1900, XIX. 229 †
- Wallis: *see* Valais
- Walls y Merino, M.: Primer viaje alrededor del mundo, XIV. 688 †
- Walmsley, R. M.: Decimal problem and its urgency, VI. 200 †
- Walpole, R. S.: Origin and distribution of aborigines of Australia, XV. 554 †
- Walser, H.: Veränderungen der Erdoberfläche im Umkreis des Kantons Zürich, IX. 234 †
- Walsh, J. J.: Science in the Philippines, XVIII. 231 †
- , P.: Future of New Zealand Bush, XV. 670; XVI. 108 §
- Walter, E.: Does Delaware water gap consist of two river gorges? VII. 216 †
- , H.: Arabischen Tauschhandel in Norddeutschland, XIX. 393 †; Stromschnelle von Laufenburg, XX. 225 §, 241 †, 465 †
- Walters, H. F.: Operations of Malakand Field Force, XVI. 697 †
- Walther, J.: Allgemeine Meereskunde, III. 256 †; Denudation in deserts, II. 176; Model illustrating geology, etc., of Thuringia, IX. 651; on Geographical features of Thuringia, IX. 652; on wrinkling of earth's crust, IX. 651; Oxusproblem in historischer und geologischer Beleuchtung, XIII. 66 §, 321 †; Thüringer Landschaftsformer, XI. 565 †; Formen der asiatischen Wüste, XII. 439 †; Wüstenbildung in Gegenwart und Vorzeit, XVII. 326 †, 521 §; Wüstenstudien in Transkaspien und Buchara, XI. 450 †
- Walton, J.: China and the present crisis,

WAM

- 696 †; remarks on "Journey from Quetta to Meshed," XX. 85
 Wam river, C. Africa: *see* Wa
 Wamagauga swamp, C. Africa, IV. 350
 Wa-mbe tribe, E. Africa, IV. 114
 Wamboundous . . . entre l'Atlantique et le Ka-Tanga: C. Lemaire, XX. 669 †
 Wamfumus, Le pays de, IX. 462 †
 Wami or Makata plain, Ger. E. Africa, XII. 190 †
 Wamasara tribe, I. 534
 Wandel, C. F.: Currents, etc., and navigation of coast of Iceland, IX. 573 †
 ———— og S. Ostenfeld: lagttagclser over oberfladevandets Temperatur, Saltholdighed, etc., XII. 639 †
 Wandering scholar in the Levant: D. G. Hogarth, VIII. 92 †
 Wandorobbo tribe, E. Africa, II. 131; IV. 115; XI. 377, 380; XV. 485; XVI. 78
 Wanga district and town, V. 558; capabilities of soil near, IV. 431
 Wanganui earthquake of December, 1897: G. Hogben, XV. 670 †
 Wangen, Karte von, und von Lindau: Hammer, XI. 457 †
 Wageni tribe, E. Africa, X. 327
 Wan Hsien, Se-chuan, X. 19
 Wa-nkonde tribe, C. Africa, II. 323; V. 112
 Wantage, Lord; obituary, XVIII. 95
 Wanted, an international conference: Sir J. Colomb, V. 187 †
 Wa-nyakyusa tribe and villages, Nyasaland, V. 116, 117
 Wanyamwezi tribe, E. Africa, IV. 250
 Wanyoro tribe of C. Africa, Notes on: R. W. Felkin, III. 348 †
 Wapokomo tribe, E. Africa, IV. 99, 103
 Wapta, North Fork of the: J. Habel, XII. 212 †; Wapta fall: G. S. Vaux, XVIII. 333 †
 War and geography; T. C. Chamberlin on, XII. 424
 ——— maps: Sir T. H. Holdich, XVI. 492 †
 Warangi, Die: Baumstark, XVI. 250 †
 Warburg, O.: Discovery of the Moluccas, VII. 365*; Gleichmässigen Nomenklatur in der Pflanzengeographie, XIX. 408 †; Judische Ackerbaukolonien in Anatolien, XX. 556 †; Kulturpflanzen Usambaras, IV. 189 †; V. 170 §; on new coffee-parasite in E. Africa, VI. 284; Wer ist der Entdecker der Gewurz-Inseln? VII. 563 †
 Warburton; work in W. Australia, XI. 278
 Ward, B. R.: Synoptical charts applied to military subjects, XV. 675 †
 ———, C.: Examination of English lakes, II. 376
 ———, C. S.: Thorough Guide Series: *see* Baddeley, M. J. B.
 ———, G.: Chesapeake and Ohio canal project, XV. 667 †

WASHINGTON

- Ward, G. L. S.: Report on Mishini country, XIX. 653 †; XX. 227 §
 ———, J. G.: New Zealand in 1895, VI. 394 †
 ———, L. F.: Petrified forests of Arizona, XVIII. 642 †
 ———, R.: Sportsmen's Handbook, IV. 475 †
 ———, R. de C.: Climatic contrasts along Oroya railway, XI. 456 †; Climatic control of occupation in Chile, XI. 318 †; Climatic notes . . . around S. America, XIII. 217 †; Equipment of meteorological laboratory, XV. 89 †
 Wardrop, A. T.: All about N. Borneo, XII. 629 †
 Wargla, Sahara, XX. 510; L'oasis et le pays d'Ouargla: P. Blanchet, XV. 664 †
 Warina, Journey from W. Australia to: W. C. Boyd, IX. 61*
 Waring, F. J.: Haputale . . . extensions of Ceylon Government railway, XII. 96 †
 Warnek: Russian Arctic expedition under, XIX. 762
 Warner, G. F.: Voyage of Robert Dudley . . . to W. Indies, XVI. 491 †
 ———, L. O.: Journey of exploration in Korea, I. 469 †, 546 §
 Warran pass, VIII. 114
 Warren, Sir C.: Ancient standards of measure in the East, XIV. 465 †
 ———, E. P.: The Westminster "Improvement" scheme, XII. 204 †
 ———, P. D.: Ceylon Administration reports, XX. 667 †
 Warri, Copeland-Crawford's journey to Sapele from, VII. 661
 Warranbool, Ancient wreck near: W. C. Thomson, XIX. 403 †
 Warsaw, population, IX. 658; trade, XII. 428 †
 Waruguru, tribe, E. Africa, IV. 114
 Warundi tribe, I. 288; XVI. 559
 Warwick, Plan: J. Bartholemew, III. 354 †
 Warwickshire, Handbook of: J. Murray, XIV. 113 †
 Wasanya tribe, E. Africa: IV. 106; VIII. 285
 Wasatch beds, mammalian remains in, IX. 74
 Wasave tribe, E. Africa, XIV. 134
 Wasegyu of Ngorome, VI. 276
 Wash, rivers of the, V. 144
 Washambaa of Usambara, V. 170
 Washington aqueduct and Cabin John bridge: D. D. Gaillard, XI. 317 †
 Washington, D.C.—
 Geography of: N. H. Darton, XII. 436 †
 International Geographical Congress at, XVIII. 649 †
 List of maps and views of: P. L. Phillips, XVI. 253 †

WASHINGTON

Washington—*continued*.

- Magnetic observations at Naval Observatory: C. C. Marsh, IX. 579 †
- Washington, State—
- Map of Wash. and Oregon: R. Blanchard, I. 383 †
- Mineral resources of Wash. and Brit. Columbia: L. K. Hodges, XII. 214 †
- Sectional Map of: O. P. Anderson, X. 126
- Cape, Antarctic, XVI. 397
- Wasiba und ihr land: Hauptm. Herrmann, III. 439 †; IV. 363 §
- Wastfalt, H.: Skildringar från den Wellmanska Polar-expedition, VII. 567 †
- Wastwater lake, depth, IV. 238; survey, II. 165; VI. 135, 162
- Waswampi lake, Canada, VII. 316
- Wata tribe, E. Africa, VIII. 285
- Wataturu tribe, E. Africa, IV. 249
- Watch, Decimal, constructed by Brisebard, XI. 676
- Wateita tribe, E. Africa, II. 117; V. 552
- Watendlath, Lake District, VII. 616
- Water (*see also* Water-supply)—
- Distribution of running, X. 622
- Farbe der natürlichen Gewässer: H. von Hasenkamp, XI. 206 †
- Movements of, in rivers, VIII. 404; of ground water: B. S. Lyman, XVII. 98 †; of underground: F. H. King on, I. 364
- Quantity of, in rivers, X. 620
- Sea-water: *see* Oceanography
- Wasser in der Landschaft: F. Ratzel, XX. 130 †
- Water-levels, Apparatus for recording, XIX. 222
- Waters within the earth and laws of rainfall: W. S. Auchincloss, XI. 105 †
- Water-bottle, A new: H. N. Dickson, VIII. 424 †; Modifications of water-bottle and thermometer for deep-sea research: J. Y. Buchanan, III. 351 †; Petterson-Nansen insulating: H. R. Mill, XVI. 469
- Waterfall cave, Ireland: *see* Arch cave
- Waterfalls—Entstehung der Wasserfälle: F. Sturm, XIX. 239 †
- Watersheds—Wirkliche Wasserscheiden und . . . Orientirung über diese hydrologischen Verhältnisse: W. Krebs, XX. 564 †
- Water-spouts—on coast of N.S.W.: H. C. Russell, XIV. 345 †; Windhose vom Juli 1890 bei Oldenburg und die Gewitterbö: W. Köppen, IX. 467 †
- Water supply—
- In Queensland, report, XI. 438
- Waters der aarde als drinkwater: F. E. L. Veeren, XVI. 376 †
- Water-supply and irrigation papers of U. S. Geological Survey, XI. 318 †
- Wind power in: A. L. Y. Morley, XI. 577 †

WAUTERS

- Waterways of English Lakeland: J. E. Marr, VII. 602 *
- Watermeyer, J. C.: Journey in Ger. S. W. Africa, XVI. 368 †; XVII. 74 §
- Waters, W. H.: Trans-Siberian railway, XIV. 116 †
- Waterstradt, J.: ascent of Gunung Tahan, XIX. 213
- Waterwegen in Oud-Holland: A. Beekman, X. 547 †
- Watkin, H.: Aneroid barometer, XIII. 80
- Watkins, J. E.: Log of the *Savannah*, I. 571 †
- Watling Street, X. 516
- Watson, A. B.: Lake Mweru and Luapula delta, IX. 58 *
- , C. M.: Construction of great pyramid of Gizeh, XX. 669 †; remarks on "Journey from Omdurman to Mombasa," XIX. 689; on "King Menelek's dominions," etc., XVI. 305; on "Visit to N. Sudan," VIII. 354
- , H. D. R.: Photographs of Upper Yangtse-Kiang, XV. 96
- , T. L.: Evidence of recent elevation . . . of Baffin Land, IX. 466 †; Lakes and valleys of Upper Nugsuak Pen., XV. 652 §; XVI. 256 †
- Watsonville, Queensland; Tin-mines of: S. Skertheby, XI. 320 †
- Watt, G.: Dictionary of economic products of India, II. 278 †; VIII. 529 †; Memorandum on resources of Br. India, IV. 470 †
- , H. B.: Scottish forests and woodlands in early historic times, XVII. 426 §, 446 †
- , J. A.: Bismuth ores in N.S.W., XIV. 121 †; Wyalong gold-field, XIV. 463 †
- , S.: Vocabulary of Kikamba language, XIX. 655 †
- , W.: History of Aberdeen and Banff, XV. 662 †
- Watts, Hon. F.: Tree-planting in Antigua, XVII. 94 †
- , W. W.: Boring a coral reef at Funafuti, VIII. 421 †; Charnwood Forest, XX. 524; Geology for beginners, XII. 545 †; Photographs of geological interest in U.K., XII. 204 †; Report on do., IX. 679 †
- Watussi tribe, E. Africa, IV. 249; XVI. 169
- Waujabillio tribe, C. Africa, V. 439
- Waunta lagoon, XI. 659
- Wauters, A. J.: Alphonse Wauters, XII. 105 †; Ancienne mer intérieure du Kasai, XI. 684 †; Au Congo français, XX. 557 †; Au Katanga, XVII. 449 †; Bassin de l'ancienne mer intérieure "Albert Edouard," etc., IX. 576 †; Bibliographie du Congo 1880-95, VII. 213 †, 276 §; Carte de l'Etat . . . du Congo, VII. 552 §; IX. 92 §; XIII.

WAUWERMANS

- 71 §, 322 †; XV. 306 †; XVII. 221 †; de l'Urua, XII. 542 †; du chemin de fer du Congo, VII. 342 †; du Lomami, XVIII. 456 †; Chemin de fer du Gornergrat, XIII. 557 †; Do. des Stanley Falls, XIX. 771 †; Do. Hankow-Canton, XVII. 548 †; Comment le Congo traverse la chaîne des monts de Cristal, XI. 198 †; Congo en amont des Falls et le Lomami, VIII. 652 †; Dans le sud Kamerun, XVIII. 456 †; Emile Banning, XII. 546 †; Esthétique des villes, IX. 336 †; Etat Indépendant du Congo, Historique, etc., XIII. 561 †; Expedition Lemaire au Katanga, XVII. 90 †; Exploration de la Lukuga, III. 438 †; de la section septentrionale de la chaîne des Mitumba, XIX. 398 †; Explorations in Congo basin, XII. 191; Hydrography of Sanga river, X. 441; Kasai et ses affluents, XII. 209 †; Locomotive au Stanley Pool, XII. 325 †; Lomami, IX. 462; Lomami inférieur, XIX. 246 †; Mahdist power on Upper Nile, VII. 552; Missions Liotard et Marchand, XII. 211 †; Navigation à vapeur sur le haut Congo, XVII. 449 †; population of Congo basin, XI. 551; Priorité de la découverte de l'Afrique centrale, VII. 113 †; Problème du Wam, XVI. 250 †; XVII. 306 §, 553 †; XVIII. 109 †; Progrès de la toponymie en Belgique, XI. 207 †; Région des concessions dans le bassin de la Sanga, XVI. 250 †; Rivière Sanga, VII. 442 †, 552 §; Sanga, XVI. 250 †; Sources du Congo, XVI. 580 †; XVII. 211 †; Vingt-deuxième traversée de l'Afrique centrale, XIV. 226 †; Voyages en Afrique de Bruxelles à Karéma, XVIII. 640 †
- Wauwermans, A.: Bibliographie de la locomotion ancienne, VII. 223 †; Carte du monde au millionième, VIII. 194 †; Conquête des Poles, XVI. 128 †; Histoire de l'école cartographique Anversoise, VI. 588 †; Tentatives coloniales de la Belgique, VI. 192 †

Waves—

- Action in connection with beaches, XI. 531
 Application of study of waves to geography: V. Cornish, XVII. 681 †
 Diurnal waves, VII. 239
 Entstehung wellenähnlichen Oberflächenformen: O. Baschin, XV. 672 †
 Extinction graduelle de la houle de mer, etc.: J. Boussinesq, VI. 395 †; Lois de l': Id., VII. 118 †
 Gestalt der Meereswellen: W. Wien, VI. 396 †
 Form und den Ursprung der Gezeitenwellen: Horn, IX. 245 †
 Height of waves at Peterhead: W. Shield, XVIII. 342 †

WEBER

Waves—continued.

- Kumatology: V. Cornish, XIII. 624 *
 Lecture on: V. Cornish, XIX. 380
 Sea waves in Japan: J. Milne, VIII. 159 †
 Tidal and storm, observations, IV. 261
 Waves and tides: W. M. Davis, XII. 218 †
 Waves and wave structures of the atmosphere, etc.: V. Cornish, XIII. 624 *
 Wavoto, country of, VIII. 637
 Wawa, Rio, Nicaragua, XI. 659
 Wawamba tribe, E. Africa, VI. 312
 Wawn, W. T.: South Sea Islanders and Queensland labour trade, III. 75 †
 Waymouth, G.: Voyage of, II. 151
 Waziba tribe, C. Africa: see Wasiba
 Wazéri country, IV. 563
 ——— tribe, IX. 396, 398
 Wazumba tribe, C. Africa, V. 355
 Way: surveys of Patkoi mts., VII. 202
 Weald Clay, plain of, IX. 80
 ——— Dome, dissected, IX. 536; drainage, V. 145; forelands, IX. 538
 Weardale: see Teesdale
 Weather and disease: A. B. MacDowall, VIII. 195 †
 ———, influenza, and disease: A. L. Gillespie, XII. 103 †
 ——— making, ancient and modern: M. W. Harrington, IV. 89 †
 ——— map exercises: M. S. W. Jeffer-son, XVII. 683 †
 ——— prediction: Prince Kropotkin, XIII. 568 †; Do., for a long time ahead: E. Wolffing, XIX. 112 †
 ———, Surface of the sea and: H. N. Dickson, VIII. 631
 Weather I., Graham Land, IV. 339
 Weatherley, P.: Circumnavigation of lake Bangweulu, XII. 4, 241 *, 631 †; Expedition in Upper Congo basin, XVII. 308; in Bangweulu region, XIV. 319, 561; of Luapula, IX. 92; Grant to, XI. 661; XII. 87; new route to lake Mweru, VII. 204; observations on Mweru, XVI. 475; Photographs of Br. C. Africa, XII. 112; XIX. 119; survey of Bangweulu, IX. 325, 444
 Weavers of the Western Isles: A. V. Luther, XX. 554 †
 Webb, W.: Currencies of Rajputána, II. 562 †; obituary, XIII. 440
 Webber, W. H. Y.: How Welsh water will come to Birmingham, XVIII. 547 †
 Weber, C. A.: Vegetationen der Diluvialzeit in Europa, XV. 187 †
 ———, H.: Physikalische Geographie der Nord-polarländer, XI. 687 †
 ———, K. J.: Map of China, III. 331
 ———, L.: Temperaturschwankungen in Kiel, X. 647 †
 ———, M.: Niederländische Siboga-Expedition, etc., XVI. 111, 549; XVII. 447 †; see Siboga

WEBER

- Weber, S.: Biography of G. F. von Berzevichy, XVI. 590 †
- Webersik, G.: Textilindustrien Europas, V. 279 †; *Weltpost-Statistik*, XIII. 334 †
- Webi Shebeli, river, Somaliland, II. 251, 362; III. 137; IV. 363, 531; V. 485; VIII. 128
- Webster, H.: China and her people, XVI. 575 †; Japan and China, XVII. 550 †; Korea—the hermit nation, XVI. 248 †; Samoa; Navigators Is., XIV. 464 †
- Wed Tatawin, XI. 587
- Weddell Sea, Antarctic, XIV. 477; XVIII. 23
- Wedza, mt., ironworks near, V. 40
- Weed, W. H., and L. Pirsson: Bearpaw mts. of Montana, VIII. 192 †, 653 †; Geology of Castle Mt. mining district, XII. 100 †; of Judith Mts. of Montana, XIV. 340 †
- Weeder, J.: Fourteen-monthly period of motion of pole, XVII. 97 †
- Weedon, T.: Queensland, past and present, XI. 102 †
- Weeks, F. B.: Bibliography of N. American geology, † XI. 317; XIII. 456; XVI. 489; XVIII. 552; XX. 670
- Wegener, G.: Chinese map of Tibet, III. 141; Herbsttage in Andalusien, VII. 440 †; Samoa, Land und Leute, XX. 471 †; Südpol, X. 342 †; Zum ewigen Eise, X. 459 †
- , and K. Himly: Nord-Tibet and Lob-nur Gebiet, III. 160 †
- Weichsel: *see* Vistula
- Weigand, G.: Bulgarische Siedelungen in Rumanien, XVII. 207 †; Nationalen Bestrebungen der Balkanvölker, XI. 679 †; Rumanen in Serbien, XVI. 245 †
- Weightman, W. J.: Nilgiri mountain railway, XIX. 396 †
- Weights and measures, and money, of chief commercial nations: W. A. Browne, XIII. 689 †; Conversion tables, XVII. 457 †
- Wei-hai-wei; its value as a naval station, XIV. 334 †; Positions navales de la Mer jaune, etc.: V. de Lagnérie, XII. 95 †; Records of Temperature, etc., XVIII. 324 †; Wei-hai-wei, our latest leasehold possession: R. S. Yorke, XII. 430 †
- Weill, R.: Fortification dans la haute antiquité égyptienne, XVI. 367 †
- Weilemann, A.: Nekrolog auf Prof. Dr. R. Wolf, IV. 90 †
- Weineck, L.: Biography, VI. 102 †; Photographic Atlas of the moon, X. 348 †
- Weinschenk, E.: Geologisches aus dem bayerischen Walde, XV. 188 †
- Weir, T.: Astronomy in relation to geography, IV. 285 †
- Weis, A.: Die Ålands-Inseln, VIII. 189 †
- Weisgerber, F.: Etudes géographiques sur le Maroc, XVI. 369 †; Explorations au Maroc, XX. 357 †; Itinéraire

WELLMAN

- de Casablanca aux Beni-Meskin, XIX. 88 §, 400 †; journey in Morocco, XIV. 564
- Weiss, E., and R. Schramm: Astronomische Arbeiten des k.k. Gradmessungs Bureau, † IV. 374; IX. 684; XII. 438; XIII. 555; XVI. 483; XX. 471; Publicationen für die Internationale Erdmessung, VI. 201 †; VII. 682 †
- Weissenfels, Cape; drift-sand flora, XIV. 167
- Weissensee; depth, etc., VII. 199; Temperature observations: H. Hergesell, VIII. 395
- Weitzacker, G.: La Terra dei Basuto XVIII. 108 †
- Weixler, A.: Ausgleichung trigonometrischer Messungen, etc., X. 460 †; Expédition géologique dans la Cordillère argentine-chilienne, XV. 196 †; geology of region of lake Nahuelhuapi, XV. 181; Reisebilder aus den Anden, XVII. 324 †; Wirkungen des Erdbebens . . . in Agram, VIII. 646 †
- Welch, F. B.: Influence of Ægean civilizations on S. Palestine, XVII. 90 †
- Welhaven, H.: E. Astrup, IX. 468 †
- Wellby, M. S.: Expedition in N. E. Africa, XIII. 74, 303, 533; XIV. 318; in Tibet (with Malcolm), VIII. 635; IX. 215; XI. 295; From Leh to Peking across Tibet, X. 648 †; King Menelek's dominions, etc., XVI. 292*, 698 †; Obituary, XVI. 358; Photographs of Somaliland and S. Abyssinia, XV. 203; River Ruzi of B. Förster and H. H. Austin on, XVIII. 310; XIX. 385, 520; XX. 230; Through Tibet to China, XII. 262 †; Through unknown Tibet, XII. 323 †; Trip in Somaliland, VII. 113 †; 'Twixt Sirdar and Menelik, XVIII. 456 †; XIX. 197 §
- and N. Malcolm: Road report of route across Tibet and China, XIV. 457 †
- Wellcome's Photographic Exposure Record, XIX. 662 †
- Welle river, XII. 191; confluence with Mbomu, XVII. 74; exploration of, V. 81; VII. 203; Natives of Upper Welle district: G. Burrows, XIII. 561 †; Opérations Chaltin dans le Haut-Welle: R. Dubreucq, XIII. 561 †; Staatenbildungen des oberen Welle, etc.: P. C. Muller, IX. 682 †
- Weller, C. L.: Photographs of Sierra Leone, XVI. 712; Do. of Aegir on Trent, XIX. 539 †
- Wellia, altitude, etc., X. 395
- Wellington, Mt., Tasmania; Meteorological observatory on, VI. 574
- Wellisch, S.: on early triangulation at Vienna, XIV. 203
- Wellman, W.: Arctic explorations, III. 335; IV. 12, 178, 275, 365; XII. 82, 194, 419; XIII. 7; XIV. 326; XV.

WELLS

- 184; Skildringar från den Wellmanska polarexpedition: H. Wästfält, VII. 567 †; Wellman Polar expedition, XV. 301 †
- Wells, C. F. (biography): H. Greffrath, XI. 324 †
- , and G. L. Jones: lost members of Calvert expedition, X. 444
- , H. L.: From Teheran towards Caspian, VIII. 501 †; Across Elburz mts. to Caspian, XI. 452 †; Caravan routes and road-making in Persia, XIII. 213 †; obituary: Sir F. J. Goldsmid, XII. 530; Telegraphs and trade-routes in Persia, IV. 86 †
- , J. W.: remarks on "Acclimatization of Europeans in Tropical lands," XII. 606; Survey journey in Santo Domingo, III. 74 †
- , L. A.: expedition in W. Australia, VIII. 641; Map . . . of route of Calvert Exploring Expedition, XVI. 379 †
- , L. B.: Canals and navigable rivers of England, X. 227 †; Do. of England and Wales (map), IV. 93 †; XII. 221 †; Do., Sketch of history of, VI. 85 †
- , S.: In search of brigands and Nuraghi, XV. 434 †; Mediterranean days, XI. 450 †
- Wellsted: journey in Arabia, VII. 522
- Welsch, J.: Explication d'une carte de la répartition des animaux, etc., III. 76 †; Géographie physique du seuil du Poitou, I. 81 †
- Weltgeschichte: Westasien und Afrika: H. Winckler, H. Schurtz und K. Niebuhr, XIX. 240 †; *see* World
- Welton, T. A.: Distribution of population in England and Wales, XVII. 547 †; Local death-rates in England and Wales, IX. 679 †
- Wembere steppe, E. Africa, IV. 247
- Wenckstern, Baron von: Bibliography of Japanese Empire, V. 507 †
- Wendt, A. F.: Distrito minero de plata de Potosi, XIX. 658 †
- , E.: Korrespondierende Höhen, XX. 362 †
- Weniaminoff volcano, Alaska; Eruption of: G. Davidson, I. 567 †
- Wenyon, W. F.: Trade routes of S. China, etc., XII. 323 †
- Wenzel lake, C. Africa, XVI. 561
- Werner, F.: Aus dem Thierleben der Sahara, XVII. 211 †
- , L. G.: Munsterthal im Ober-Elsass, XVII. 85 †; Oberelsässischen Seen und Stauweiher, XVII. 206 †; Seen der Westvogesen, XIX. 395 †
- Werner mts., Greenland, XVII. 55, 62
- Werth, E.: Lebende und jungfossile Korallenriffe in Ost-Afrika, XIX. 527 †
- Wertheim, C. J. M.: Reis naar de Keri-Eilanden, III. 163 †
- Werther, W.: expedition in Ger. E. Africa, VIII. 175; X. 327; XII. 189;

WEST INDIES

- Hochländer des nördlichen Deutsch-Ostafrika, XII. 210 †, 542 †; XIII. 415 §; Oberflächengestalt und Klima von Usukuma, VII. 678 †; Originalkarte der Irangi-Expedition in . . . Deutsch-Ost-Afrika, XI. 691 †
- Werveke, A. K. van: Cours de l'Escaut et de la Lys-Durme au moyen age, I. 278 †
- Weser, river—Marschbewohner an der Weser und Elbe: A. Hofmann, VIII. 647 †; Weser und Ems: ihre Stromgebiete und ihre wichtigsten Nebenflüsse: H. Keller, XX. 465 †
- West, C.: Riviera: C. Lenthéric (translation), VII. 212 †
- , M.: Public Domain of U.S., XIV. 341 †
- , R. H.: Determination of heights in Lebanon, VII. 678 †
- , T., and F. Collins: Charts of Isle of Wight and Solent tides, II. 288 †
- Westberg, F.: Beiträge zur Klärung orientalischer Quellen über Osteuropa, XVII. 84 †; Ibrahim-ibn-Jakûbs Reisebericht über die Slawenlande, XV. 187 †
- Westenberg, C. J.: Bataklanden ten Noorden van het Tobameer, X. 550 †
- Westenrieder, L. von: Verdienste . . . um die bayerische Geographie: C. Gruber, VI. 200 †
- Westerlund, F. W.: Själfmorden i Finland 1861–1895, XVI. 363 †
- Westermarck, E.: Finland and the Czar, XIV. 112 †
- Western Australia: *see* Australia, Western
- West Indies** (*see also* Antilles)—
- Admiralty surveys, XII. 71; XIV. 84
- Agricultural Conference, XVIII. 113 †; Journal of Agricultural Department, XV. 85 †
- Antillean valleys, submarine, Declivities of: J. W. Spencer, XII. 639 †
- British West Indies: Sir N. Lubbock, XVIII. 458 †
- Buccaneers of America: J. Esqueme-ling, II. 565 †
- Colonies néerlandaises dans les Indes occidentales: C. M. Kan, XVI. 372 †
- Corsaires français . . . dans les Antilles: G. Marceel, XX. 561 †
- Cuba and Porto Rico, with other islands: R. T. Hill, XIII. 539
- Danemarks westindische Besitzungen, XVI. 491 †
- Danish West Indies, List of books on: A. P. C. Griffin, XX. 360 †
- Economic resources: Report: D. Morris, XII. 215 †, 416 §
- Fauna, V. 476
- Geological . . . development of Dominica and Barbados, etc.: J. W. W. Spencer, XX. 561 †
- Glimpse of the tropics, etc.: E. A. H. Jay, XV. 442 †

WEST INDIES

West Indies—*continued.*

- History of the islands, etc.: A. K. Fiske, XIV. 121 †
- Hope for the West Indies: Sir G. Baden-Powell, XI. 319 †
- Hurricane of 1898: A. Carpenter, XIV. 230 †; E. B. Garriott, XIII. 683 †; Correspondence relating to, XIV. 121 †; Further do., XV. 554 †; Hurricane of Aug. 1899: E. B. Garriott, XIV. 685 †; of Sept. 1900: Id., XVII. 92 †; Hurrikan vom Sept. 1900: Greim, XVII. 555 †
- Impressions of British West Indies: H. R. Walker, XVIII. 644 †
- Land and fresh-water molluscs of W. Indian region, Distribution: C. T. Simpson, VIII. 421 †
- Legislation to control bush fires: H. A. Nicholls, XVIII. 645 †
- Momenter af Westindiens Geografi: C. H. Lassen, VII. 217 †
- National Geogr. Society's expedition in the, XX. 470 †
- Origin of West India bird life: F. M. Chapman, XII. 328 †
- Our West Indian Colonies: G. Carrington, XII. 214 †
- Photographs: J. M. Neilson, XVIII. 654
- Plantæ Utowanæ; Plants collected in the W. Indies: C. F. Millsbaugh, XVI. 702 †
- Politisch-geographische Betrachtungen: E. Deckert, VII. 335 †; X. 231 †
- Reise nach Westindien und Nordamerika: F. Doffein, XIII. 689 †
- Rubber cultivation: J. H. Hart, XVIII. 645 †
- Stanford's Compendium; C. America and W. Indies: A. H. Keane, XIX. 530 †, 622 §
- Steamer-lines from U.S., XIX. 377
- Tobacco and cotton cultivation: W. H. Burnley, X. 652 †
- Volcanic disturbances (*see also* Martinique and St. Vincent), XIX. 758; Report: R. H. Hill, XX. 671 †; Recent eruptions: J. Milne, XX. 360 †, 561 †; I. C. Russell, XX. 672 †; Westindische Vulkankatastrophe und ihre Schauplätze: E. Deckert, XX. 470 †
- Voyage of R. Dudley, etc.: G. F. Warner, XVI. 491 †
- West India Annual, Lightbourn's, XI. 101 †
- Island, A: Sir H. W. Norman, VII. 335 †
- Pilot, vol. II.: R. Barrett, XV. 554 †
- West Indies and Spanish Main: J. Rodway, VII. 566 †
- and the Empire: H. de R. Walker, XIX. 529 †

WHARTON

- Westlake, J.: England and France in W. Africa, XII. 211 †; letter on Hannibal's pass, XIII. 310; on supposed discovery of Brazil by Portuguese in 1447, V. 390
- Westmann, J.: Schwinden einer Schneedecke, XIX. 532 †; Gletscher von Sulitelma und Almajalos, XIV. 676 †; Luftströmungen an der Erdoberfläche zu Upsala, XII. 202 †
- Westminster "Improvement" scheme: E. P. Warren, XII. 204 †
- Weston, W.: Exploration in Japanese Alps, VII. 125 *, 330 †; Mountaineering in Japan, III. 57; Do. in Japanese Alps, VI. 486 †; IX. 237 †; Photographs of natives and scenery of Japan, VI. 204
- Weston Tapestry maps: W. Bedford, IX. 210 *
- Westphal, A.: Mittelwasser der Ostsee bei Travenmünde, etc., XVI. 484 †; XIX. 407 †; Selbstregistrierenden Universalpegel zu Swinemünde, VII. 221 †
- G.: Côte d'Ivoire, son avenir industriel, XII. 434 †; XIII. 92 †
- Westport Harbour, N.Z.: Wave basin: T. H. Rawson, XIV. 464 †; 686 †
- Westropp, T. J.: Ancient forts of Ireland, XX. 122 †; Cahers of county Clare, etc., XIX. 523 †; Churches of county Clare, etc., XVII. 319 †; Distribution of "Cromlechs" in county Clare, XI. 309 †; Magh Adhair, IX. 459 †
- Wetekamp; on national park for Germany, XIII. 65
- Wethey, E. R.: Geography lesson, IX. 687 †; Manual of Geography for . . . schools, VIII. 534 †
- Wettstein, R. von: expedition in Brazil, XVIII. 625; Wissenschaftlichen Aufgaben alpinen Versuchsgärten, XVII. 442 †
- Weule, K.: Afrikanische Pfeil, XIV. 680 †; Die Wahehe, IX. 340 †
- Weulersse, G.: Haut-Amour et la Chilka, XIX. 770 †
- Weyer, G. D. E.: Magnetische Declination, etc., VII. 449 †
- Weyprecht: surveys in Franz Josef Land, X. 181, 182
- Whale sound, Greenland, XI. 222
- Whales—in Antarctic, III. 26, 33; VII. 516; X. 383
- Eismeer-Fischerei und der Walfang: P. Lindeman, XV. 198 †; Do.: Hege-mann, XVI. 128 †
- Geographical distribution and habits of: C. Möbius, IV. 266 *
- Migration of right whale: T. Southwell, XII. 329 †
- Whaling expedition to Antarctic, I. 450
- Whales bay, Spitsbergen, XV. 125
- Whall, W. B.: Handy book of tides, II. 93 †
- Wharton, Sir W. J. L.: Clipperton atoll, XI. 671 §; XII. 101 †; Capt. Cook's

WHEAT

- Journal during his first journey, II. 93 †; Editor's Album: Rear-Adm. Wharton, IX. 687 †; Foundations of coral atolls, IX. 582 †; Hydrographical surveying, XIII. 568 †; Identification of La Sagittaria of Quiros, XX. 207 †; Physical condition of the ocean, IV. 252 †; X. 125 †; remarks at Royal Society's Antarctic meeting, XI. 422; on "Annual range of temperature," etc., XII. 134; on death of Sir C. P. B. Walker, III. 247; on "Expedition up Jub river," I. 222 †; on "Formation of the Maldives," XIX. 296 †; on "Frankincense Country," VI. 133; on "How can North Polar region be crossed?" I. 27; on "Journeys in Shan States," XV. 515; on "Journeys in Marotse . . . Countries," IX. 148; on Prince Henry the Navigator, III. 396; on proposed Antarctic expedition, XIII. 16; on "Recent explorations to S. of Hudson Bay," X. 17; on "Renewal of Antarctic exploration," III. 32; on "Southern borderland of Afghanistan," IX. 420; on "Sub-oceanic changes," X. 285, 288; on "Sub-oceanic physical features off coast of W. Europe," XIII. 291; on "Survey of English lakes," IV. 242; Report on Admiralty Surveys, XIV. 343 †
- Wheat—Address by Sir W. Crookes, XIV. 346 †; Crop of 1902, XX. 549; Need of reserve of: R. B. Marston, XII. 204 †; Weizenproduction der Erde: F. Heiderich, XIV. 688 †
- Wheelton, G.: Geography in German schools, XI. 422
- Wheeler, A. O.: Photographs of Selkirk mts., Canada, XX. 477
- , S.: letter on Anglo-Afghan frontier agreement, VII. 674; Mendez Pinto, I. 139 †; Obituary of N. Elias, X. 101, 460 †; Records of E. India Company, II. 150 †
- , W. H.: History of Fens of S. Lincolnshire, IX. 556 §, 574 †; Littoral drift, IX. 112 †; Movement of sand and shingle on coasts, IX. 668; Northern Pebble Ridge, XI. 193 †; Sea-coast, XIX. 747 §; Source of warp in the Humber, XX. 241 †; Undulations in lakes and inland seas, etc., XI. 321 †
- Wherry, G.: Alpine Notes and the climbing foot, VIII. 305 †
- Whipple, G. C.: Thermophone invented by, VIII. 76
- Whirlpool river, Rocky mts., V. 58
- Whishaw, F. G.: Out of doors in Tsarland, etc., II. 88 †
- Whiston, W.: early work on magnetic observations, VI. 187; *see* Halley, E.
- Whitaker, remarks on "Formation of sand-dunes," IX. 303
- Whitaker and Ray Co.: Map of California and Nevada, VI. 591 †

WHITEHOUSE

- Whitbeck, R. H.: Preglacial course of . . . Genesee river, XX. 247 †
- White, A.: Concerning S. African settlers, XVII. 448 †
- , A. S.: Aërial navigation, VIII. 533 †; Africanists in council, VI. 487 †; Australia as a strategic base, VII. 446 †; Chartered Government in Africa, III. 160 †; England and Egypt, XIII. 91 †; Expansion of Egypt, XIV. 681 †; XV. 61 §; From Sphinx to Oracle, XII. 631 †; XIII. 414 §; Journey to Siwa oasis, XI. 667; Needed foothold in the Pacific, VI. 97 †; Partition of Africa, IV. 188 †; Position of geography in cycle of sciences, II. 178; Situation in Algeria, III. 438 †; Study of geography, XIII. 688 †
- , D.: Fossil flora of . . . Missouri, XVI. 583 †
- , F.: Ruins of Dholo-Dholo in Rhodesia, XVIII. 550 †
- , F. B. W.: Flora of Perthshire, XII. 205 †
- , G.: Across Australia, XX. 128 †
- , J.: Geographical Survey of Canada, XIX. 658 †; Topographical work of Geological Survey of Canada, XI. 315 †, 454 †
- , J. D.: Log-book of Hauno, XVI. 590 †; Longitude by variation of compass, XV. 302 †; Rutter of the See, XVII. 445 †
- , R. B.: Glacial phenomena of Colombia, XIV. 684 †
- , T.: Pacific tours and around the world, XVIII. 345 †
- , Sir W. H.: Steam navigation, XVI. 259 †
- White Emperor's City, Yangtse, XVIII. 506
- White-Fraser and St. Cyr: Survey of Br. Columbia-Yukon boundary, XVIII. 312
- White Glacier: *see* Sheta-gal
- Horse rapid, Alaska, XII. 23, 26
- I.: *see* Gillies Land
- Nile: *see* Nile
- river, Alaska, XIX. 610; beds of Miocene age, IX. 75
- Sea—Hydrologie de la Mer blanche: N. Knipovitch, XIII. 213 †; Russian charts of, XII. 646 †
- Volta river: *see* Volta
- Whitehead, C.: Agriculture in Kent, XIV. 677 †; XV. 531 §
- , J. B.: Inland navigation in Germany, V. 378
- , T. H.: Critical position of British trade, etc., VI. 102 †; Expansion of trade with China, XVII. 548 †
- White-hot liquid Earth and geological time: J. Geikie, XV. 556 †
- Whitehouse, B.: Photographs of Himalayas, VI. 108; of India and Andaman Is., VIII. 200; To Victoria Nyanza by Uganda railway, XIX. 771 †

WHITEHOUSE

- Whitehouse, C.: Irrigation in Egypt, VI. 195 †; How to save Egypt, III. 160 †; Letter on Egyptian Government's irrigation atlas, IV. 182; Middle Egypt from Ptolemaic maps and recent surveys, II. 368; Nile reservoirs, IV. 377 †
- Whitelaw, J.: Surveying as practised by civil engineers, etc., XX. 673 †
- Whiteley, J. G.: C. American canals, X. 652 †
- Whiteway, R. S.: Letter on discovery of Australia, XI. 80
- Whiting, H. L.: biography, IX. 584 †
- Whitley, H. M.: Underground water-levels of South Downs, XVII. 208 †
- Whitman, S.: Austria, XIII. 674 †
- Whitnee, J. S.: Visit to Gilbert Is., VI. 341
- Whitney, C.: On snow-shoes to the Barren Grounds, IX. 341 †
- , E. L.: Government of Colony of S. Carolina, V. 609 †
- , J. D.: obituary, VIII. 523; United States, IV. 578 †; VI. 449 §; theory of treelessness of prairies, III. 211
- Whitney glacier, Sierra Nevada, XII. 556
- Whitney, Trail of Mt.: H. Dyer, I. 568 †
- Whittle, J. L.: Egypt after Omdurman, XIV. 336 †
- Whitty, J. T.: Discovery of "Whitty's Wall" at Jerusalem, VI. 295 †; Palestine exploration; further revelations, etc., X. 228 †; Who originated Palestine Exploration Fund? IV. 475 †
- Whymper, E.: Ascents in the Himalayas, I. 468 †; Chain of Mont Blanc, Map, II. 570 †; Chamonix and range of Mont Blanc, † VIII. 527; XII. 321; XIV. 577; XVI. 119; XVIII. 320; XX. 238; Letter addressed to members of Alpine Club, XVI. 376 †; letter on new mountain aneroid barometer, XIII. 79; Mountaineering outside Europe; The Andes, XI. 686 †; Observatory on summit of Ben Nevis, V. 87 †; Physiological effects of high altitudes, I. 47; Scrambles amongst the Alps in 1860–69, III. 68 †; XVI. 569 †; Valley of Zermatt and Matterhorn, † X. 548; XII. 322; XIV. 677; XVI. 121; XVIII. 323; XX. 238
- Whyte, A.: journeys W. of Lake Nyasa, IX. 326; remarks on "Br. C. Africa Protectorate," V. 216; Zoological and botanical specimens from Nyasaland, I. 69
- Wiche's Land, Spitzbergen, IX. 363; XII. 150; XIII. 6; XIV. 155; memorandum on Sir C. R. Markham, XIV. 177
- Wichmann, A.: Binnenseen von Celebes, II. 572 †; Doif-eilanden, XVI. 366 †; Insel Miangas, XV. 286 §, 664 †; Mapia-oder Bunai-Inseln, XVI. 127 †; Wawani auf Amboina, † XII. 432; XIV. 225; 568

WIGGINS

- Wichmann, H.: Deutschen Missionsunternehmungen im Njassa-Gebiet, I. 85 †; on discoverer of lake Poso, VIII. 296; Erforschung des Dirk Gerritzs-Archipels, VIII. 422 †; Streit über die Grenze von Britisch-Guayana, VII. 445 †; Swedisch Südpolar-Expedition, XX. 562 †
- Wickenburg, Count von: Explorations in Somaliland, X. 328; XII. 78; in E. Africa, XIX. 216; XX. 338; Reise des Grafen Wickenburg, XX. 245 †; Reise-route im Somaliland (Map), XI. 579 †; Wanderungen in Ost-Afrika, XIII. 680 †
- Wickersham, Hon. J.: Is it Mt. Tacoma or Rainier? III. 349 †
- Wicklow, Prospecting for gold in: E. St. J. Lyburn, XIX. 523 †
- Widenmann, A.: Anthropologisches . . . aus dem Dschaggalande, XV. 82 †; Kilimandscharo-Besteigung, XVI. 488 †; Klima von Moshi am Kilimandjaro, VII. 332 †, 429 §
- Wiedemann, A.: Mythological-Geographical text, XVI. 494 †
- , M.: Handel und Verkehr Australiens, XX. 360 †; Wirtschaft-geographischen Studienreise nach Australien, XIX. 403 †
- Wiefel, C.: Sormitzgebiet, physisch-geographische Skizze, XVI. 243 †
- Wiegand: Deutsche Kolonisation in Südamerika, VII. 217 †
- Wiel, A.: Venice (Story of the Nations series), IV. 469 †
- Wien, W.: Einfluss des Windes auf die Gestalt der Meereswellen, V. 184 †; Gestalt der Meereswellen, VI. 396 †
- Wieneke L., Antarctic, XVIII. 369
- Wiener, C.: Mission en Argentine, XII. 436 †
- Wienerwald—Topographie im Wiener Walde und Wiener Becken: A. Grund, XIX. 648 †; XX. 451 §
- Wiese, C.: Map of Nyasaland gold-fields, illustrating explorations of: R. Rugg, II. 95 †
- Wieselgren: Åt minnet af A.E. Norden-skiöld, XX. 251 †
- Wieser, F. von: Älteste Karte mit dem Namen "America," etc., XIX. 203 §, 661 †; Karte des Bartholomeo Colombo, III. 352 †; discovery of sketch-maps by Columbus, III. 44; Nordenskiöld's Periplus, XIV. 689 †
- Wiesner, J.: Beiträge zur Kenntnis des Tropischen Regens, IX. 112 †, 567 §; Lichtgenuss der Pflanzen im arktischen Gebiete, XVIII. 339 †; light and plant-growth in the Arctic, X. 331; XVII. 665
- Wif, Wadi, Tunis, VII. 159
- Wiggers, H. D.: Schets van het Regentschap Kadjang, III. 530 †
- Wiggins, J.: Expedition to Yenisei river, VI. 287; Kara Sea navigation, VI. 585 †;

WIGHT

- My recent voyages in Siberia, V. 605 + ;
 Murchison grant to, III. 420 ; IV. 80 ;
 remarks on "How can North Polar
 region be crossed?" I. 26 ; Safety of
 expedition, IV. 569 ; State of Siberian
 Sea ; Nansen expedition, III. 121 *
 Wight, Isle of ; Tidal charts of Solent
 and : T. West and F. Collins, II. 288 + ;
 Thorough Guide Series : C. S. Ward, V.
 604 +
 Wiik, F. J. : Primitiva formationernas
 geologi . . . Finlands, XVI. 363 + ;
 Sodra Finlands primitiva formationer,
 IX. 678 +
 Wijde bay, Spitzbergen, IX. 354, 363
 Wilbraham, Hon. E. B. : Ascent of Mont
 Blanc, X. 547 +
 Wilcke, J. C. : *see* Halley, E.
 Wilcox, W. D. : Camping in Canadian
 Rockies, IX. 107 + ; General features of
 Canadian Rockies, XI. 316 + ; Lake
 formation in Canadian Rocky mts., XIV.
 339 + ; Lake Louise in Canadian Rocky
 mts., VII. 49 * ; photographs of Upper
 Saskatchewan, XIII. 576 ; Picturesque
 landscapes in Canadian Rocky mts.,
 XV. 452 + ; Recent explorations in
 Canadian Rockies, XX. 468 + ; Rockies
 of Canada, XVII. 92 + ; Sources of the
 Saskatchewan, XIII. 358 * ; XIV. 120 +
 Wilczek Land, IX. 483 ; X. 181
 Wild, H. : Bestimmung der erdmagnetischen
 Inklination, XIV. 346 + ; biography,
 XV. 557 + ; Einrichtung erdmagnetischer
 Observatorium, XIII. 219 + ; Influence of . . . coast lines upon . . . secular
 magnetic declination, V. 93 + ; Theodolith
 für magnetische Landesaufnahmen,
 IX. 111 + ; Do., Ergänzungen zu,
 XVI. 256 +
 —, Johannes, Der Topograph : J. J.
 Egli, V. 187 +
 Wildeman, E. : Plantes qui produisent les
 divers caoutchoucs du Congo, XVIII.
 231 +
 Wilderness and its tenants : J. Madden,
 IX. 689 +
 Wiley, W. H. and S. K. : Yosemite, Alaska
 and Yellowstone, II. 91 +
 Wilhelmina mts., XX. 656
 Wilke, K. : J. W. Ludwig Leichhardt
 (biography), V. 400 +
 Wilkes ; visit to Gilbert Is., VI. 338
 Wilkin, A. : Among Berbers of Algeria,
 XVI. 699 + ; XVIII. 305 §
 Wilkinson, E. : Notes on portion of Kala-
 hari, I. 324 *
 —, F. J. : Means of popularising
 geography, XVIII. 344 +
 —, S. : Great alternative, Plea for
 a national policy, IV. 91 +
 —, W. F. : Rhodesia and its
 mines, XIII. 560 +
 Wilkizki, A. A. : *see* Vilkitzki
 Willaume-Jantzen, V. : Meteorologische
 Observationer i Kjöbenhavn, VIII. 527 +

WILMOT

- Willcocks, W. : Nile reservoir dam at
 Assuan, XIX. 655 + ; Permanent removal
 of White Nile "Sudds," etc., XV. 237 § ;
 XVII. 90 + ; Report on irrigation in S.
 Africa, XX. 559 + ; on perennial irriga-
 tion and flood protection for Egypt, III.
 438 +
 Wille, N. : Fra St. Petersburg til Turke-
 stan, XIII. 454 +
 Williams, A. V. : Ascent of Sabi river, I.
 270 ; Visits to ancient gem-workings in
 Manika, XIX. 372
 —, C. J. R. : Floods in Brisbane
 river, XIV. 464 + ; XV. 86 + ; Land
 floods in a tidal river, XIX. 404 +
 —, E. H. : Notes on Southern ice-
 limit in E. Pennsylvania, V. 609 +
 —, Sir E. L. : Manchester Ship
 Canal, XII. 203 +
 —, H., and E. Tregear : Descrip-
 tion and vocabulary of Ninc or Savage
 L., II. 381 +
 —, H. S. : James Dwight Dana,
 VII. 222 +
 —, J. C. : Future of our sugar-pro-
 ducing colonies, VII. 341 +
 —, T. : Link relations of S.W.
 Asia, XVIII. 638 +
 —, W., and W. B. Clark : Geology
 and physical features of Maryland, III.
 394 +
 Willigen, P. C. van der : Reis door Borneo,
 XII. 629 +
 Willis, B. : Geologic Atlas of U.S., VII.
 444 + ; Northern Appalachians, XI.
 201 + ; Some coal-fields of Puget Sound,
 XIV. 341 +
 —, J. C. : Note on flora of Minikoi,
 XIX. 653 +
 —, and J. S. Gardiner : Botany
 of Maldive Is., XIX. 653 +
 — : Journey in Korea, IX. 661 ;
 Report on consular journey to Ping-
 Yang and Chenampo, XII. 432 +
 Willkomm, M. : biography, VII. 339 + ;
 obituary, VI. 389
 Willoughby, H. A. : Across the Ever-
 glades, XIV. 120 +, 212 §
 —, Sir J. C. : Further excavations
 at Zimbabwe, II. 474 + ; Ruins in
 Mashonaland, II. 440
 Willoughby I., Alaska, XIV. 529
 Wills, J. T. : "Cape to Cairo," XIII. 455 + ;
 New light on the Bahr-Gazal frontier,
 XIII. 92 +
 —, W. A., and L. T. Collingridge :
 Downfall of Lobengula, etc., IV. 578 +
 Willson, B. : Great Company (1667-1871),
 XV. 441 + ; Newfoundland question,
 XVIII. 112 +
 —, G. H., and A. G. McAdie :
 Climate of San Francisco, California,
 XVI. 126 +
 Wilmer, H. C. : Sand-dune formation on
 S.W. coast of Africa, IV. 283 + ; V. 385 §
 Wilmot, Hon. A. : letter on ancient Ophir,

WILNA

- XIV. 220; Monomatapa (Rhodesia), IX. 239 †, 325 §
- Wilna, population, IX. 658
- Wilser, L.: Menschenrassen und Weltgeschichte, XI. 459 †; Rassen und Völker, XIX. 409 †
- Wilson, Anne C.: After five years in India, V. 281 †
- , A. E.: Comision hidrografica al Estrecho de Magallanes, XI. 100 †
- , A. W. G.: Medford Dike area, XX. 248 †; on physical geography of C. Ontario, XIX. 376
- , C. R.: Topography of Ganges, I. 83 †; of Old Fort William, III. 251 †
- , C. T.: Egyptian Sudan, XIII. 562 †
- , Sir C. W.: Dead Sea, XVI. 698 †; Handbook for travellers in Asia Mi., etc., VI. 485 †; in Constantinople, etc., XVI. 574 †; Journeys in Mesopotamia, XVII. 183 §; Recent investigations in Moab and Edom, XIX. 770 †; remarks on "Exploration of . . . Spitsbergen," XII. 151, 158; on "Fragment of geography of England," XV. 374, 378; on "Geographical conditions determining history . . . in Asia Mi.," XX. 277; on "Oceanography of N. Atlantic," XII. 469; on "Proposed geographical description of British Is.," VII. 356; on "Road-making and surveying in Br. E. Africa," XIV. 290; on "Twelve years' work of Ordnance Survey," XV. 596
- , H. H.: Photographs on White Nile and Sobat, XX. 136; Trip up Khor Felus, and . . . Sobat, XX. 401 *
- , H. M.: Porto Rico; its topography and aspects, XVI. 491 †; Relation of forestation to water-supply, XI. 458 †; of irrigation to geography, XI. 576 †; Topographic forms of U.S., XIX. 401 †; Topographic surveying, XVIII. 340 †; XIX. 75 §; Topography of Mexico, XI. 200 †; Topography, etc., of N. India, VII. 440 †
- , and others: Results of primary triangulation, etc., XX. 670 †
- , H. W.: Bering Sea dispute, XI. 106 †; Protection of our commerce in war, VII. 340 †
- , I. I.: on population of St. Petersburg, XI. 173
- , J.: Gazetteer of Shahpur district, XI. 451 †
- , J.: Visit to lake Titicaca, Peru, IX. 579 †
- , J. E.: Photographs of St. Vincent after eruption, XX. 478
- , M. C.: Reading list of colonial New England, XIV. 340 †
- , T.: Antiquity of Red race in America, XII. 634 †; Swastika, etc., X. 654 †
- , T. E.: Journey in Canadian Rockies, XIII. 355

WINDS

- Wilson-Barker, D.: biography, X. 555 †; Manual of elementary seamanship, IX. 348 †; on physical geography for sailors, III. 523; Photographs of launching of "Discovery," XVIII. 248; remarks on "Kumatology," XIII. 626; on "Sand waves in tidal currents," XVIII. 200; on "Sea beaches and sandbanks," XI. 650 †
- , and W. Allingham: Navigation; practical and theoretical, IX. 348 †
- Wilson-Carmichael, A.: From Sunrise Land; Letters from Japan, VI. 486 †
- Wiltshire and Dorset, Murray's Handbook, XIV. 677 †
- Wiman, C.: Kambrisch-Silurische Faciesbildungen in Jemtland, XII. 94 †
- Wimi river, C. Africa, XVII. 22
- Winchell: Geological and natural history survey of Minnesota, I. 377 †; theory of treelessness of prairies, III. 210
- , and A. Winslow: Size and scale of maps, I. 472 †
- , and U. S. Grant: Rainy Lake gold region, VII. 334 †
- Winchelsea, King Edward and New: P. Bigelow, I. 81 †
- Winchester, City of many waters: Sir H. Maxwell, IX. 679 †
- Winckler, H., H. Schurtz, und Niebuhr: Weltgeschichte, XIX. 240 †
- Wind: *see* Winds
- Windermere, deltaic land of, VI. 51; depth, etc., IV. 238; stream diversion at, VII. 619; survey of, II. 362; VI. 155, 163
- , and Morecambe Bay, Reduced Ordnance Survey map: J. Bartholomew, XIX. 535 †
- Windhoek, Ansiedlungen, I. 85 †; Landschaft um: K. Dove, VIII. 652 †
- Winds**—
- Action on sand-dunes, IX. 279
- Circulation des vents et de la pluie: A. Duponchel, I. 186 †; VI. 100 †; VII. 118 †; Circulation of atmosphere in tropical and equatorial regions: A. L. Rotch, XX. 674 †
- Daily afternoon minimum of; Pernter's observations, III. 146
- Einfluss des Windes auf die Fahrgeschwindigkeit von Dampfern: L. E. Dinklage, XIII. 543 §, 685 †
- , Gestalt der Meereswellen: W. Wien, V. 184 †; Do. . . . auf die Gezeiten, X. 460 †
- Estimated wind-force: D. Wilson-Barker, XIV. 233 †
- Fleuves aériens, leur cours, etc.: L. Dex, XIII. 460 †
- Föhn, IV. 368; Entstehung des: Hofler, XIX. 111 †; Häufigkeit . . . des Föhns in Innsbruck: J. M. Pernter, IX. 112 †; Luftdruckvertheilung . . . bei Föhn:

WINDS

Winds—continued.

- Id., X. 653 †; Verschiedene Entstehungsarten und Erscheinungsformen des Föhns: R. Billwiler, XIV. 345 †
- Formation of lake-basins by: G. K. Gilbert on, VI. 187
- Geologischen Wirkungen des Windes: R. Credner, XIX. 532 †
- Grand currents of atmospheric circulation: J. Thomson, I. 380 †
- Influence of, on level of Lake Erie: A. J. Henry, XVI. 685 §
- , upon climate during Pleistocene epoch: F. W. Harmer, XVIII. 555 †
- Internal work of: S. P. Langley, IV. 285 †
- Mechanical composition of wind deposits: J. A. Udden, XIV. 215 §, 234 †
- Prüfung eines neuen Anemometers: H. Maurer, XVI. 257 †
- Prediction . . . of squalls and storms: E. Durand-Greville, XVIII. 459 †
- Studio delle Brezze di monte: O. Marineli, X. 342 †
- Tägliche Periode . . . auf dem Sonnblükgipfel: J. Hann, IV. 580 †
- Theophrastus of Eresus on, and on weather signs: trs. J. G. Wood, IV. 581 †
- Théorie des brises de montagne: E. Chaix, V. 399 †
- Trade winds; causes, VI. 370; surface drift, XI. 529; Cause of general trade-winds: G. Hadley, IX. 112 †
- Variations de la vitesse des vents, etc.: J. Plumondon, VII. 220 †
- in velocity of winds: S. Lemström and J. Dannholm, XVI. 588 †
- Wind-erosion: S. Passarge, XVIII. 555 †
- Winds and ocean currents, IV. 253; W. M. Davis, X. 653 †; XI. 321 †
- Wind storms: C. Harding, VIII. 424 †
- Winterwinde des Nordatlantischen Oceans, etc.: W. Zenker, XI. 688 †
- Wirkung des Windes auf schwach gewölbte Flächen: A. von Obermayer, IX. 117 †
- Windt, H. de: Finland as it is, XIX. 228 †; Island of Sakhalin, IX. 687 †; Klondike goldfields, X. 553 †; New Siberia, etc., IX. 238 †; Reisen an der Beringstrasse, X. 122 †; Through . . . Alaska to Bering Straits, XI. 685 †
- , J. de: Constitution des îles, X. 653 †; Distances moyennes à la côte dans les océans, XIII. 328 †, 666 §; XIX. 239 †; Morphométrie de Tenerife, XIII. 322 †; Relations lithologiques . . . des massifs de Rocroi, etc., XIII. 318 †
- Windward exploring ship, IV. 143; VI. 475, 504; VIII. 544; X. 99; XIV. 326, 448; XVI. 357, 566; XIX. 762
- Wingate, A. M. S.: Shanghai to Bhamo

WIPPTHALE

- through Hunan, XIV. 639*; Things Chinese, XVI. 122 †
- Wingate, Sir F. R.: Sudan, past and present, I. 183 †; Ten years' captivity in the Mahdi's camp, 1882-92, I. 85 †
- Winkel, J. te: Noordnederlandsche tongvallen, XIV. 223 †; Taalkaart voor Noord-Nederland, V. 604 †
- Winkler: On sea charts formerly used in Marshall Is., XVIII. 645 †; Zur Hydrographie der Samoa-Inseln, IX. 344 †
- Winnecke, C.: Journal, etc., of Horn expedition to C. Australia, IX. 580 †; obituary, XX. 661; report on S. Australian tablelands, XIII. 74
- Winnicki, J.: Vers les Indes, XIII. 676 †
- Winnipeg—
- Early days in: G. Bryce, IV. 378 †
- Snow-wave formation at, XX. 149
- To Winnipeg, Manitoba, and back: S. Marriott, IX. 107 †
- , lake; J. B. Tyrrell's surveys, VII. 413; IX. 277
- Winnipegosis, Chez les Sautaux de lac: R. Goelen, XIV. 691 †
- Winning of the West: T. Roosevelt, V. 608 †
- Winokapau lake, Labrador, V. 526
- Winship, G. P.: Cabot bibliography, XVII. 98 †; Coronado expedition, X. 230 †; XI. 71 §; letters on Cabot, XIII. 204, 438
- Winslow, A.: Lead ores of S. E. Missouri, VIII. 653 †; Mapping of Missouri, II. 475 †
- Winsor, J.: America prefigured, I. 187 †; Anticipation of Cartier's voyages, 1492-1534, I. 470 †; Baptista Agnese and American cartography, X. 460 †; Biography: W. C. Lane and W. H. Tillinghast, XI. 689 †; Do.: A. L. Lowell, XV. 91 †; Cabot and . . . English power in N. America, IX. 467 †; Cabot controversies, etc., IX. 467 †; Obituary: Sir C. R. Markham, XI. 77; Results in Europe of Cartier's explorations, II. 568 †; Rival claimants for N. America, etc., VI. 196 †
- Winter, C. F.: Protection of commerce during war, XII. 329 †
- , Sir F. P.: Expedition . . . to Main range, Br. New Guinea, XIX. 95 §, 237 †
- Winter Minima on British mountain tops, XIV. 113 †, 315 §; Winter temperature and height of barometer: W. H. Dines, XIV. 233 †
- Winton, Sir F. de: obituary, XIX. 223; remarks on "Road-making . . . in Br. E. Africa," XIV. 290; on "Three years' travel in Congo Free State," V. 442; Soldiering fifty years ago; Australia in the forties, XI. 686 †
- Wipphale, Displacement of watershed in, during ice-age: F. K. von Marilaun, I. 466 †

WIRGMAN

- Wirgman: First British settlers in S. Africa, XIX. 108
 Wiron valley, Kafiristan: *see* Viron
 Wirth, A.: Stämme auf Formosa und den Liu-Kiu, XI. 451
 Wisby, Ancient city of, XX. 553 †
 Wisconsin, Drift phenomena in: R. D. Salisbury and W. W. Atwood, IX. 682 †; Studies in driftless region: G. H. Squier, XII. 214 †; XIII. 681 †
 Wise, W. L.: Gleanings from patent laws of all countries, VII. 685 †
 Wislicenus, D.: Die Küste von Annam, IV. 187 †
 Wisotzki, E.: Zeitströmungen in der Geographie, X. 346 †
 Wissenburg, A.: Wirtschaftsverhältnisse Ostasiens, XIV. 114 †
 Wissmann, Herrmann von: Originalkarte des Nord-Ost-Ufers des Nyasa-Sees, II. 479 †; remarks on "Through Africa from the Cape to Cairo," XVI. 184; transport of steamer *Wissmann* to Lake Nyasa, I. 271
Wissmann (Hedwig von), steamer on Tanganyika, IX. 327; XIV. 566; XVII. 430
 Wit, A. de: Facts and fancies about Java, XVI. 123 †
 With Nature and a camera, etc.: R. Kearton, XIV. 224 †
 — yacht and camera in Eastern waters: Earl of Cavan, VIII. 648 †
 Witherby, H. F.: Bird hunting on White Nile, XIX. 656 †
 Within the Arctic Circle: I. O. Stringer, etc., XII. 634 †
 Witt, R. C.: Experiment in colonisation, XII. 325 †
 —, W., och G. Lundell: Hydrografiska iakttagelser i Mälaren, IX. 234 †
 Witte, E.: Das Kalte Küstenwasser, XVI. 130 †
 —, H.: Deutsche Sprachgebiet Lothringens, V. 279 †; Zur Geschichte der Deutschthums im Elsass, XI. 191 †
 Wittenoom, Hon. E.: W. Australia in 1898, XIII. 327 †; in 1899, XVI. 128 †
 Wittmann, P.: Stockholm, die Hauptstadt Schwedens, VI. 580 †
 Wittstock, O.: Volksthümliches der Siebenbürger Sachsen, VI. 579 †
 Witwatersrand Goldfields: F. Olds, XV. 666 †; Gold mines of: J. H. Hammond, XI. 570 †; Map: S. Goldman, VII. 121 †; Do.: J. Wood and A. Ortlepp, XIII. 224 †; Do.: Chartographic Co., XIX. 665 †; African review map: J. Kitchin and N. E. A. Graydon, VI. 298 †; Plan: W. F. Regan, XI. 210 †; Witwatersrand and revolt of Uitlanders: G. F. Becher, IX. 240 †
 Woas, F.: Deutsch-Ostafrikanische Centralbahn, VIII. 652 †
 Wodena: A. Strüek, XIV. 224 †
 Woelkof, A.: Alexis von Tillo, XVI. 133 †; Arktis und Antarktis, XV. 672 †;

WOLKENHAUER

- Changes of level in Aral Sea, XIX. 503; Classification of rivers, X. 620; Climat de la Sibirie orientale, etc., XI. 296 §, 568 †; Climat des hauteurs de l'Europe occidentale, XVI. 257 †; De l'influence de l'homme sur la terre, XVIII. 648 †; Ganze Temperaturschwankung im . . . Seeklima, XI. 103 †; Geologische Klimat, VII. 117 †; Klima Astrachans nach F. Schperk, XI. 88 †; Do. Centralasiens, VII. 677 †; Klima und Föhne der Danemark Insel, XVIII. 114 †; Klima von Lukschun, Centralasien, XVI. 365 †; Luftdruck und Atmosphärische Cirkulation in Asien, XVI. 247 †; Meteorologico-agricultural observations in Russia, VI. 293 †; Mitteltemperaturen von Ostsibirien, XVII. 321 †; Resultate der Beobachtungen auf den Fieflthürme, XII. 439 †; Seespiegelschwankung zwischen Aralsee und Baraba und die Brücknersche Hypothese, XVIII. 531 §; XIX. 397 †; Temperatur russischer Flüsse und Seen, X. 453 †, 620 §; Temperatur und Bevölkerung am Ufer des Baikal, XV. 664 †; temperature in Siberia, V. 267; Wo ist der höchste Luftdruck der Erde? XVI. 374 †
 Woelf's Handbooks; Baths of Kissingen, VIII. 306 †
 Woelfel; explorations in Ivory Coast Hinterland, XVII. 306
 Woenig, F.: Pusztentflora des Ungarischen Tieflandes, XIII. 556 †
 Woerle, H.: Erschütterungsbezirk des grossen Erdbeben zu Lissabon, XVII. 98 †
 Wohlrab, A.: Vogtland als orographisches Individuum, XV. 188 †, 276 §
 Wohltmann, F.: Deutsch-Ost-Afrika, XIII. 422 §
 Wolf, C.: Gnomon de l'observatoire et les anciens toises, X. 653 †
 —, E.: Meine Wanderungen; I. Im innern Chinas, XVII. 548 †
 —, T.: Carta Geográfica del Ecuador, I. 477 †
 —, T.: Galapagos Inseln, VI. 393 †; 560 †; Geografía y Geología del Ecuador, II. 188 †; 266 §; Westliche Tiefland Ecuadors, I. 154 †, 281 †
 Wölfel, P.: Geographischen Lehr und Schulbüchern, etc., XX. 251 †
 Wolff, J.: *see* Pumpelly, R.
 Wolfing, E.: Weather prediction for a long time ahead, XIX. 112 †
 Wolfrom, G.: L'utilisation des travaux hydrauliques des Romains en Tunisie, XIX. 234 †
 Wolkenhauer, W.: J. B. B. d'Anville, X. 655 †; F. J. Bertuch, XII. 641 †; Arthur Breusing, I. 91 †; Heinrich Brugsch, V. 400 †; G. Caboto, X. 655 †; A. de Candolle, II. 567 †; O. Dickson, X. 555 †; A. Dronke, XII. 546 †; Otto

WOLLNEY

- Ehlers, VII. 569 †; R. Hartmann, II. 282 †; Prinz Ludwig Amadeus, Herzog der Abruzzen, XVII. 217 †; G. Mercator, V. 186 †; Sir John Murray, XIX. 662 †; A. Ortelius, XII. 441 †; L. Palmieri, IX. 468 †; Marco Polo, XI. 323 †; E. Pöppig, XII. 546 †; E. Reclus, IV. 90 †; J. Dutreuil de Rhins, IX. 583 †; G. Rohlfis, IX. 115 †, 583 †; Leopold von Schrenck and Alexander von Middendorf, IV. 471 †; P. F. von Siebold, IX. 115 †; Joseph Thomson, VII. 339 †; Entwicklung der Geographie im XIX. Jahrhundert, XVI. 260 †; Nekrologie, †IX. 468; XI. 575; XVI. 132; XX. 131; Leitfaden zur Geschichte der Kartographie, VI. 398 †; Zeittafel zur Geschichte der Kartographie, etc., III. 77 †
- Wollney, E.: Einfluss der Pflanzendecken auf die Wasserführung der Flüsse, XVII. 311 §, 327 †; Zersetzung der organischen Stoffe und die Humusbildungen, IX. 113 †
- Wollondilly river, Geological observations made in valley of: R. Etheridge, XI. 571 †
- Wolstanton marsh, regulation of, XIII. 212 †
- Wolter, C.: Korea, einst und jetzt, XX. 123 †
- Woltorf, Das zweiherrige Dorf: R. Andrée, X. 547 †
- Wolynski, A.: Biography of G. Segato, IV. 90 †
- Wom river: *see* Wa
- Wombats of Australia, IV. 40
- Wombegan, N.S.W.: cave at, XV. 424
- Women—Du rôle de la femme dans la colonization: C. Lemire, VII. 118 †
- Wood, C. A.: Eastern World, XX. 242 †
- , Sir E.: Crimea in 1854 and 1894, V. 86 †
- , G.: Gold-mining in Mashonaland, I. 313
- , J.: Explorations in C. Asia, VIII. 250; IX. 597 †
- Wood and Ortlepp: Maps—Cape Colony and part of Bechuanaland, XVII. 330 †; Orange Free State, Transvaal, etc., XV. 560 †; N. Portion of the Transvaal, XVI. 378 †; Witwatersrand Goldfields, XIII. 224 †
- , W. C.: Cotton spinning industry in China, etc., XII. 431 †
- Woodburn, J. A.: Causes of American revolution, I. 470 †
- Woodford, C. M.: British Solomon Is., Report, X. 330 §; 341 †; XIII. 436 §; XV. 71 §, 555 †; XVIII. 94 §, 338 †; Gilbert Is., VI. 325 *; Work in Solomon Is., II. 494
- Woodhouse; on waterway from Baltic to Black Sea, XVI. 555
- , W. J.: Ætolia; its Geography,

WORKMAN

- etc., XI. 192 †; Greeks at Platani, XII. XII. 537 †
- Woodrow, G. M.: Journey from Haveri to Kunta, V. 281 †
- Woods, H.: Elementary paleontology, II. 476 †
- , J. D., and H. D. Wilson: Province of S. Australia, VI. 585 †
- Woods, Lake of the, Geological . . . Map of, X. 235 †; History, etc.: G. Bryce, XI. 200 †
- Wood's lake, Pamirs: *see* Victoria lake
- Woodthorpe, R. G.: Country of the Shans, VII. 577 *; VIII. 309 †; Sir C. R. Markham's remarks on death of, XII. 90; memorial to, XII. 620; obituary: Sir T. H. Holdich, XII. 195; remarks on "Journey across Tibet," VII. 480; on "Journey from Tonkin by Tali-fu to Assam," VIII. 583; Shan Hills, VII. 441 †
- Woodward, H.: remarks on "Description of Christmas I," XIII. 37; on "Explorations in Patagonia," XIV. 374; on "Explorations in Bolivian Andes," XIV. 32; on "Waterways of English Lakeland," VII. 622
- , H. B.: Biography of J. Prestwich, IX. 115 †; Memoir of William Topley, V. 187 †
- , H. P.: Geological sketch map of W. Australia, IV. 192 †; Mining Handbook to W. Australia, V. 92 †; VII. 336 †
- , H. W.: Bonde country, E. Africa, VIII. 602 *
- , R. S.: Iced-bar base apparatus, I. 185 †
- , W. H.: Expansion of British Empire, XV. 92 †
- Woodworth, J. B.: Eskers of S. New England, V. 609 †
- , and C. F. Marbut: Queen's river moraine in Rhode I., VIII. 654 †
- Woolfs, W.: Australian flora, XVII. 559 †
- Worcester, Dean C.: Philippine Is. and their people, XIII. 321 †; Primitive Philippine tribes, XII. 432 †
- , and F. S. Bowins: List of birds known to inhabit Philippine Is., XIV. 226 †
- Worcester, Roman site at, X. 520
- Worcester and Conway training ships, Examinations of geography, II. 547; prizes to cadets, IV. 269; VI. 94
- Worcestershire and Herefordshire: Murray's Handbook, VIII. 415 †
- Workman, F. B.: Amid the snows of Baltistan, XVII. 550 †; Ascent of Biafo glacier and Hispar pass, XIV. 579 †
- , F. B. and W. H.: Explorations in Karakoram, XX. 537; In the ice-world of Himalaya, XVI. 577 †, 681 §; XVIII. 637 †

WORLD

World (*for Physical Geography, etc., see Earth*)—

Commerce of: *see* Trade

Division of the world and its geographical signification: A. Hettner, IV. 92 †

— for distribution of animal life, III. 95, 99

Gazetteers—Chambers', V. 188 †; Longmans': ed. G. G. Chisholm, VI. 588 †

Influence of New World upon Old: J. Rein, I. 539 *

Journey with the sun around the world: W. McMahon, XVI. 592 †

Population, races, languages, and religion: A. Keane, IV. 475 †; Population: H. Wagner and A. Supan, I. 572 †

Tour of the world in the twentieth century: E. de Keyser, III. 146 §, 257 †

— round the globe: J. Perkins, I. 381 †

Weltgeschichte: H. F. Helmolt, etc., XV. 446 †; XVII. 543 †; Do. Westasien und Afrika: H. Winckler, H. Schurtz, und K. Niebuhr, XIX. 240 †

World's exchanges in 1898: J. H. Norman, XIII. 462 †

Maps (*see also Atlases and Globes*)—

Baur's, I. 96 †; Berghaus, X. 236; Erdumrisskarte in flächentreuer Planisphäre: A. Bludau, XVI. 187 †; Free Church of Scotland Mission map: G. Smith, I. 192 †; Isobaric charts, etc.: A. Ilyin, XV. 560 †; Oppel's, I. 287 †; Traveller's route chart: J. G. Bartholomew, VII. 452 †; Weltkarte zum Studium der Entdeckungen mit dem Colonialen Besitze: E. Mayer and J. Luksch, I. 575 †

Early maps—Remarkable maps of 15th, 16th, and 17th centuries, II. 573 †; Juan de la Cosa, 1500, Facsimile, I. 287 †; Peter Apianus, 1530: H. Wagner, I. 187 †; Alonzo de Santa Cruz, 1542, I. 287 §, 287 †; Silver map: M. Christy, XV. 674 †; XVI. 113 §; Sixteenth century map, on equi-distant polar projection, XX. 345

Proposed map, on scale 1: 1,000,000, V. 275; XIV. 543; Carte du monde au millionième, etc., Wauermans, VIII. 194 †; Construction of: A. Penck, I. 253 †; Frage der Weltkarte, etc.: E. Brückner, VIII. 533 †; Projet de carte, etc.: J. V. Barbier, V. 184 †; VIII. 194 †; IX. 582 †; Do.: A. Germain, VII. 117 †; resolutions passed by Congress on, VII. 293

Concurrenz-Verhältnisse am Weltkarte: W. Berndt, XX. 254 †

WRIGHT

World—*continued.*

Wandkarte des Weltverkehrs: A. Kirchhoff und A. Herrich, V. 288 †; VII. 574 †

Weltverkehrskarte: A. Herrich, IV. 287 †

World's Columbian Exposition, Geography at: C. T. Conger, III. 130 *

Worsfold, W. B.: Portuguese Nyasaland, XV. 439 †; Redemption of Egypt, XVI. 367 †; S. Africa, VII. 215 †; IX. 462 †; Story of S. Africa, XI. 570 †; Valley of light: . . . Vaudois valleys of Piedmont, XIII. 318 †; Visit to Java, with account of founding of Singapore, I. 279 †

Wortel, S.W. Africa, II. 34

Wottitz, J.: Die Jungfraubahn, X. 226 †

Woznesensky, A.: Mathematischen und physischen Geographie, XI. 321 †; on precipitation in Caucasia, XI. 428

Wragge, C. L.: Australasian almanac and weather guide, XVI. 585 †; establishment of observatory on Mt. Wellington by, VI. 574; Federal Weather Bureau . . . Australia, XIX. 403 †; Meteorological work in Australia, XVII. 325 †; XX. 545; Meteorology of Queensland, X. 231 †; Mt. Kosciusko observatory, XX. 562 †; Snowy ranges of Australia, XIX. 237 †

Wrangell, Baron von: Messung von Serial-Temperaturen, XIX. 407 †; Mitteilungen über den Eisbrecher *Jermak*, XV. 301 † —, and S. O. Makaroff: Researches in N. Arctic Ocean, XII. 438 †

Wrangell, Mt., Alaska, XIX. 610

Wray, L.: Cave-dwellers of Perak, etc., XII. 97 †; Experimental culture of silkworms in Perak, etc., V. 401 †; Perak museum notes, Alluvial tin prospecting, etc., V. 405 †; Rubber and ramie cultivation in Perak, XII. 432 †; Tin mines and mining industries of Perak, V. 181 †

Wren, H. B.: Climate and corn, XVIII. 239 †

Wrench, G. T.: Coast-land districts of N.S.W., XVII. 560 †

Wright, A. E.: Pathology and therapeutics of scurvy, XI. 209 †; XVII. 457 †

—, A. J.: Nomenclature of Australian colony, XIII. 95 †, 306 §; Notes of journey . . . to Coolgardie, VIII. 422 †; Vasco da Gama and his companions, XIV. 588 †

—, A. G.: Syria and Arabia, V. 282 †

—, B.: Native silica, etc., V. 405 †

—, C. T. H.: German methods of development in Africa, XIX. 399 †

—, G. F.: Geological changes in N. and C. Asia, XVIII. 212 §, 326 †; Glacial phenomena of Newfoundland, Labrador, etc., V. 274 §, 284 †

WRIGHT

- Wright, M. R.: Picturesque Mexico, XIV. 120 †
 Wrong, G. M.: Louisbourg in 1745, XI. 200 †
 —, and H. H. Langton: Historical publications relating to Canada, †XIII. 564; XVI. 252; XX. 468
 Wuarin, L.: Moyens de transport aux Etats-Unis, VI. 393 †
 Wuchow, Trade Rep., †XII. 628; XIV. 457; XVI. 247
 Wuhu, Trade Rep., †XII. 540; XV. 295; XVI. 576
 Wullerstorf und Urbair, Baron von; biography, XVI. 590 †
 Wunchit river, Blue Nile, XV. 103
 Wundale country, C. Africa, V. 120
 Wundt, T.: Besteigung des Cimone della Pola, I. 466 †
 — and M.: Engadin-Ortler-Dolomiten, XIX. 103 †
 Wu-nu Shan, mt., XIV. 297
 Würmsee (Lake of Starnberg), V. 72; Entstehung und physikalischen Verhältnisse des: W. Ule, XIX. 381 §; XX. 239 †; Seespiegelschwankungen im Starnberger See: H. Ebert, XVIII. 84 §; XX. 239 †; Starnberger See: W. Ule, XI. 448 †; Würmsee im Oberbayern: Id., XVIII. 631 †
 Wurnu, Sokoto, VIII. 216
 Württemberg—
 Trade Rep., XVII. 444 †
 Württembergisches Urkundenbuch, XVI. 244 †
 Würthembergische Forschungsreisende und Geographen: E. Metzger, VII. 569 †
 Würzburg, Geographical conditions of: K. Ehrenburg, IV. 185 †
 Wu-shwei river, China, XIX. 732
 Wüst, E.: Flussnetz Thüringens vor der ersten Vereisung, XVIII. 615 §, 631 †
 Wüstung Sömmeringen bei Pabstorf: G. Reischel, XI. 448 †
 Wüstungen im und am Kliekener Luch: E. Weyhe, XIV. 577 †
 Wute-Adamana-Feldzuges, Beendigung des: Haupt. von Kamptz, XV. 551 †
 Wutiva, crater lake, Nyasaland, V. 116
 Wyalong gold-field, N.S.W., Report: J. A. Watt, XIV. 463 †
 Wyatt, F. O.: Western glacia of India, XVIII. 326 †
 Wybergh, W., T. Bayn, and R. S. Fairbridge: Plan of Manika gold-belt, II. 383 †
 Wye, Lower, Valley of: S. S. Buckman, XV. 79 †
 — and Severn, Tidal wave in; H. C. Moore's observations, III. 232
 Wyld: Military Staff map of C. Asia and Afghanistan, V. 610 †
 Wyld, A. B.: Modern Abyssinia, XVII. 552 †; XVIII. 297 †
 —, H.: On relations of secular varia-

YALU

- tion of magnetic declination and inclination, IV. 88 †
 Wylde, W. H.: Ascent in Ruwenzori mts., XIX. 86
 Wylie, J.: death of, IV. 404; Journey through C. Manchuria, II. 443 *
 Wyndlawn caves, Somaliland, V. 126; VIII. 129
 Wyneken, W.: Deutschen Bagdadbahn, XV. 296 †
 Wyoming; Fossil fields expedition: W. C. Knight, XVII. 453 †; Geological reconnaissance in: G. A. Eldridge, VII. 216 †

X.

- Xántus, J.: Biography: G. Aladár, VI. 397 †; Do.: L. Páloczy, VI. 102 †
 Xavier, A. A. C.: Reconhecimento do Limpopo, IV. 189 †, 362 §
 Ximenes, M.: remarks on Pamirs, I. 159
 Xingú river, Amazons, XVII. 372
 Meyer, H.: journey to headwaters, X. 215; second expedition, XIV. 324; XV. 423, 647; Bericht über seine zweite Xingu-Expedition, XV. 668 †
 Voyage au Xingu: H. Coudreau, X. 216; XIII. 457 †
 Xingú paraense: C. A. Philippin, X. 341 †
 Xkichmook, Yucatan; Ruins of: E. H. Thompson, XIII. 94 †

Y.

- Yablonoj mts., Transbaikalia, XVIII. 87
 Yabus: see Dabus
 Yachou to Tachienlu, Journey from: G. J. L. Litton, XII. 539 †
 Yachting, Vols. I. and II., IV. 93 †
 Yafei tribe, Arabia, IV. 322; Exploration in Yafei and Fadhli countries: Mrs. T. Bent, XII. 41 *, 429 †
 Yagan tribe, Argentina, XVIII. 577
 Yagi, S.: Topographical distribution of dolmens in Musashi, X. 550 †
 Yagnob river, C. Asia, XI. 66
 Yaku-no-Shima, Luchu Is., V. 291
 Yakeyama peak, Japan, VII. 147
 Yakh-Su valley and district, XIV. 602, 603
 Yakut al Rumí, account of Kais, VII. 647
 Yakuts, The: V. L. Sieroszewski, IX. 238 †; X. 437 §
 Yakutsk—Gouvernement Jakutsk in Ost-siberien: F. Thiess, XI. 197 †; Reisen und Forschungen im Jakutskischen Gebiet Ost-Sibiriens: Baron G. Maydell, VIII. 417 †; Russian explorations, XI. 429
 Yalmal Pen., F. G. Jackson in, II. 463; tundra, IX. 486
 Yalu river, XIV. 299

YALUNG

Yalung glacier, Kangchenjunga, XIX. 457

— river, XII. 230; C. E. Bonin's explorations, XIII. 532

Yalwal gold-field, Report: E. C. Andrews, XX. 128 †

Yamasaki, N.: Erdbebenforschung in Japan, XIX. 231 †; Grosse Japanische Erdbeben im nördlichen Honshu, XVIII. 320 †; Grosse Riku-u-Erdbeben im nördlichen Honshu, XVII. 568 †; Unsere geographischen Kenntnisse von der Insel Taiwan, XVII. 89 †

Yam-bulak glacier, C. Asia, V. 156

— lake and pass, II. 390

Yamdo-Croft, lake, Travels on shores of: S. C. Das, XIII. 453 †

Yamunda, Voyage au: H. Coudrean, XV. 84 †

Yang-ho, valley of, III. 538

Yangi Dawan, III. 462

— Shahar, III. 452

Yang Lam chief, burial rites of, VII. 598

Yang-tse-Kiang, IX. 216; XIX. 276

Ascent of Yangtse rapids: Hourst, XIX. 214

Ausflug nach den Yangtze-Grotten: H. Betz, XVI. 486 †

Basin of, and British sphere: A. Little, XIII. 453 †

Blue river, Tibet, XIX. 592

Cruising up Yangtze: E. R. Seidmore, XV. 191 †

Crux of Upper Yangtse: A. Little, XVIII. 498 *

From Yang-tse Kiang to China Sea: W. B. Parsons, XIX. 711 *

In valley of: Mrs. A. Foster, XIII. 453 †

Maps—Atlas du haut Yang-Tse: R. P. S. Chevalier, XV. 93 †, 678 †; Map: R. A. de Villard, VIII. 198; Mouth and surrounding country: E. de Cholonoky, XIV. 349 †

Mündung des Yangtse-Kiang, XVI. 576 †

Navigabilité du Fleuve Bleu: C. E. Bonin, XVII. 673 †

Navigation à vapeur dans les rapides du Yang-tse-Kiang, XVII. 673 †

— sur le haut Yangtse: R. Chevalier, XIV. 316 §, 334 †

— du Yang-Tse: J. Servigny, XIX. 652 †

Photographs of Upper Yangtse: H. D. R. Watson, XV. 96; Yangtse and Sechuen: R. L. Jack, XVI. 500

Rapid, New, IX. 558; letter from F. S. A. Bourne, X. 191 *

Que signifie le nom de Yangtze? L. Metchnikoff, VII. 562 †

Steam traffic and trade on Upper, XIX. 230 †

2500 kilometer opover Yangtse Kiang: W. Coucheron-Aamot, VII. 111 †

YAVARY

Yang-tse-Kiang—continued.

Upper: see Blue river; Murus

Vallée du Yang-tse-Kiang: C. Sauerwein, XIX. 653 †

Yangtse Chiang: W. R. Carles, XII. 225 *

Yang-tse-Kiang, Die deutschen Interessen, etc., XVIII. 548 †

Yangtse region: R. C. Gundry, XIV. 678 †

Yangtse valley and its trade: A. Little, XII. 540 †; and the British sphere: Id., XVI. 247 †

Yangtse-Fahrt eines deutschen Linien-schiffes: S. Hofmeier, XVIII. 635 †

Yangtze valley and beyond: I. Bishop, XV. 149 §, 191 †

— and British commerce: A. Barton, XII. 430 †

Zwei Jahre am Yangtse Kiang: F. Hirth, VII. 329 †

Yangu village, position of, VII. 429

Yankah, J.: Photographs of Sierra Leone, Congo Railway, and Gold Coast, XIII. 336

Yao tribe, C. Africa, V. 198; VII. 378; XI. 515; Handbook of Yao language:

A. Hetherwick, XIX. 655 †

— tribes, Shan States, XV. 491

Yap group, Caroline Is., XIII. 128; Ueber die Karolinen Insel Yap: G. Volken, XVII. 680 †

Yapura river, Amazons, XVII. 367

Yaria, altitude, etc., X. 394

Yarigatake, Japan, VII. 128, 147

Yarkand, II. 60, 387; V. 248; population, IX. 547

— river, II. 61, 387; VI. 78; VIII. 272, 368; IX. 552; XI. 545, 653; XII. 3; XVII. 181; Deasy's expedition to, XI. 665; Sven Hedin's explorations, VI. 281; XV. 643

Yarkun river, V. 424; VIII. 116

Yate, A. C.: Chaman, XI. 567 †; J. Houghton; a memoir, XVIII. 343 †;

Journey from Shanghai to Peking and back, XIII. 320 †; Letter on sand-

dunes, IX. 672; Loralai, X. 549 †;

Mission to Herat and Kushk valley, II. 277 †; Photographs of Afghanistan, XI. 331; of Baluchistan, X. 236; remarks

on "Journeys in Chinese Shan States," XV. 515; Sixty years of frontier warfare, XVI. 247 †

—, C. E.: Khurasan and Sistan, XVII. 321 †; XVIII. 523 §

Yates, M. T.: Collins' Alternative Geography Reader, Book II., British Isles, XVII. 446 †

—, O. V.: Northern Balochis, VII. 110 †

Yaunde: G. Zenker, V. 606 †

Yauyos (Peru), Provincia de: R. Rey y Basadie, XIV. 585 †

Yavary river, Amazons basin, XVII. 377; Exploración del: Carta de F. Zam-

brana, XX. 127 †

YAYEYAMA

Yayeyama group, Luchu Is., V. 296

Yazu, M.: On definition of physical geography, XIII. 219 †

Yearbooks—

Countries, etc.—

Africa, S.—Argus Annual and S.

African Gazetteer, VII. 564 †

Argentina, XX. 671 †

Australia, † I. 378; IV. 379; VII. 116, 682; VIII. 193; X. 341; XII. 437; XIV. 231; XVI. 254; XVIII. 458; XX. 562; New South Wales, XX. 461 †; Queensland, XX. 129 †; Western Australia, † III. 225; VII. 116; XIII. 327; XVI. 586; XVII. 214

British Columbia, XI. 454 †; XIX. 528 †

Budapest, Statistisches Jahrbuch, XIV. 111 †

Buenos Ayres, Annuaire statistique, † VIII. 313; X. 651; XIV. 684; XVI. 702; XX. 671

Canada, VII. 353 †

Germany, Koloniales Jahrbuch, † I. 284, 380; IV. 474; VI. 103; VIII. 535; IX. 688

New Zealand, † III. 163; V. 285; VII. 336; X. 123; XI. 320; XIII. 458; XV. 300; XVII. 454; XIX. 777

Saxony—Kalender und statistisches Jahrbuch, † VI. 193; VIII. 568; X. 647; XV. 434; XVI. 571; XIX. 522

Switzerland—Annuaire statistique, † III. 435; V. 180; VII. 440; IX. 679; XII. 625; XVI. 573; XVII. 672; XIX. 523

Scientific and General—

Agriculture, U.S. Dept., XI. 79

Astronomie und Geophysik: H. J. Klein, † II. 92; IV. 382; VI. 101; VII. 448; XI. 103; XII. 217; XIV. 234; XVIII. 240; XX. 252

Bureau des longitudes; Annuaire, XIX. 663 †

Geography—Annuaire universel des Sociétés de Géographie, I. 472 †; Geographisches Jahrbuch: H. Wagner, † II. 568; V. 188; VII. 340; IX. 451, 688; X. 656; XII. 106; XIV. 237; XVI. 376; XVII. 99; XVIII. 461; XIX. 243; XX. 252; Jahresbericht des Frankfurter Vereins für Geographie und Statistik, VIII. 535; Piccolo annuario geografico e statistico: G. Ricchieri, XIX. 243 †

Göteborgs Turistförenings årsskrift, XVI. 363 †

Imperial Institute, IV. 472 †

Meteorology—Deutsches meteorologisches Jahrbuch: W. von Bezold, IV. 382 †; Jahrbuch des Norwegischen meteor. Instituts, † VII.

YERMAK

Yearbooks—

676; X. 226; XIII. 452; XV. 547; XVII. 445; Jahrbücher . . . für Meteorologie und Erdmagnetismus, VII. 683 †; Meteorologisk aarbog, IX. 103 †

Minerva, Jahrbuch der Gelehrten Welt, † III. 353; XI. 324; XV. 303; XVII. 218; XIX. 243

Norwegian club, VIII. 307 †

R.G.S., XI. 65

Royal Society, IX. 689 †; XI. 576 †; XX. 252 †

Science: T. G. Bonney, I. 381 †

Scientific and learned Societies of Gt. Britain and Ireland, VIII. 189 †; XIV. 347 †

Shipping World, IX. 469 †

Statesman's Year-book, † I. 381; VI. 102 †; VIII. 537; IX. 584; XII. 107; XIII. 689; XVI. 134; XX. 132

Yeha, ruins, Ethiopia, II. 142, 144

Yelcho, Rio, Patagonia, XIV. 324; XVI. 191

Yeld, G.: Scrambles in E. Graians, XVI. 483 †

Yellow fever—Fièvre jaune et les moustiques, XIX. 410 †

Yellow Head pass, route across Canadian Rockies; J. McEvoy's report, XVII. 324 †; XVII. 532 §

Yellow races: E. T. Hamy, XI. 105 †

Yellowstone—

Geology: A. Hague and others, XVI. 584 †

Piracy of: J. P. Goode, XIV. 341 †

Touring Alaska and: C. M. Taylor, XIX. 108 †

Yellowstone National Park: H. M. Chittenden, VII. 680 †

Yemen, Excursions au: D. Charmay et A. Defflers, XII. 429 †; XIV. 224 †; L'Iemen avanti il profeta: G. B. Rossi, X. 647 †; Journey through: W. B. Harris, II. 562 †; Reiseskizzen aus dem Yemen: H. Burchardt, XX. 666 †; vegetation, IV. 331

Yen-ching, China, XIX. 262

Yeni Keui, altitude, IX. 275

Yenije Keui, IX. 158; altitude, IX. 275

Yenijik, altitude, IX. 275

Yenisei river, II. 335; Atlas of: Vilkitzki, XVIII. 462 †; Explorations, VII. 545; Hydrographical, X. 93; E. C. F. James' voyage to, II. 555; XII. 172, 174; trading expedition, X. 538; Wiggins' expedition, VI. 287

Yeniseisk and Krasnoyarsk, Difference of longitudes of: A. Vitkovsky and N. Ivanoff, XI. 197 †

Yeramis, Wadi, ruins in, XII. 50

Yerembo, altitude, etc., X. 393, 397

Yermak: Ice-breaker: Makaroff, XV. 32 *; XVI. 260 †; Experimental trip, in 1899: I. Islyamoff, XIX. 779 †; Mitteilungen

YERSIN

- über den Eisbrecher *Jermak*: Baron von Wrangell, XV. 301 †
- Yersin, A.: Survey of Sebang river, I. 267
- Yesal, Exploration of caves of: H. Tellez, III. 440 †
- Yeshil Kul, Pamirs, VIII. 102; XIII. 302; XVI. 99, 143
- Yevreli-Keui, ancient site at, IX. 53
- Yew — Eiben des Ringgaues und des Eichfeldes: L. Gerbing, XIX. 522 †; in Nordöstliche Deutschland: H. Conwentz, VIII. 647 †; in N.W. Germany; O. Drude on, VIII. 634
- Yezd, Persia, VII. 28; XIX. 160
- Yezidi ou les adorateurs du Diable: J. Spiro, XVI. 124 †
- Yezids, The: V. Dingelstedt, XII. 323 †
- Yezo —
- Alone with the Hairy Ainu; or, 3800 miles on a pack saddle in: A. H. S. Landor, III. 71 †
 - Ancient pit-dwellers of: R. Hitchcock, I. 565 †
 - Anticline, VIII. 157
 - Journey round: A. H. S. Landor, III. 71 †
 - Notes on journey in: J. Milne, III. 71 †
 - Yiber tribe, Somaliland, II. 361
- Yo-chau, China, XIX. 721
- Yokhelson, V.: On vanished races of Kolymsk district, XII. 207 †
- Yokohama, Trade (Foreign Office Rep.), † XII. 629; XIV. 580; XVI. 578
- Yoko-shima, V. 292
- Yokoyama, M.: Der Ausbruch des Vulcans Adatara in Japan, XVIII. 106 †; On Island of Taiwan, X. 456 †
- Yola, W. Africa, XIV. 630
- Yoldia Meeres in Finland, Ausbreitung des: V. Hackman, XV. 547 †
- Yombwe, chief, C. Africa, XII. 255
- Yomut Turkomans, X. 674
- Yonakuni-jima, V. 297; ideographic writings in, V. 536
- York, Cape, Melville Bay, V. 354; Peary's visit to, V. 488; Cape York ironstone: R. E. Peary, VI. 79 †; meteorite, X. 445, 544
- Factory, Hudson's Bay, IV. 449
 - Museum, Tapestry maps in, IX. 211
 - , Leeds, and Bradford district, Cyclists' road map; J. Bartholomew, XIX. 785 †
- Yorke, R. S.: Wei Hai Wei, our latest leasehold possession, XII. 430 †
- , V. W.: Journey in valley of Upper Euphrates, VIII. 317*, 453*; IX. 236 †
- Yorke Penins., Evidences of extinct glacial action in: W. Howchin, XVII. 214 †
- Yorkshire —
- Caves of, X. 509; Notes on: S. W. Cuttriss, XII. 626 †; XV. 78 †; Caves and pot-holes of: Id., XIV. 578 †, 658 §
 - Geological history of rivers of E. York-

YOUNGHUSBAND

Yorkshire—continued.

- shire: F. R. C. Reed, XVIII. 209 §, 323 †
- structure of N.E., II. 527
- Glacial phenomena near York: C. F. Strangeways, VIII. 649 †
- Highways and byways in: A. H. Norway, XVII. 86 †
- Movements of underground waters of Craven, XVII. 672 †
- Sources and distribution of far-travelled boulders of E. Yorkshire: J. W. Stather, XVII. 547 †
- Thorough Guide Series: M. J. B. Baddeley, † IX. 458; X. 453; XI. 89; XIX. 104
- Water supplies of: T. Fairley, XIII. 212 †
- Yorkshire and Lancashire, resurvey, XV. 572
- Coast, etc.: J. Leyland, I. 179 †
 - Dales: J. J. Gleave, XVIII. 548 †
- Yoron-jima, V. 294
- Yoro-shima, V. 292
- Yoruba, VI. 222
- Abeokuta and Lagos: J. Halligey, III. 253 †
- In Yorubaland, Journal of T. Harding, XVI. 251 †
- McKay, J.; routes in, VI. 569
- Table of principal events in history: J. A. O. Payne, II. 564 †
- Yoruba-speaking peoples of Slave Coast of W. Africa: A. B. Ellis, III. 439 †
- Yosemite, Alaska, and the Yellowstone: W. H. and S. K. Wiley, II. 91 †; Search for high mountain route from Yosemite to King's river cañon: T. S. Solomons, VIII. 419 †
- Yoshiwara, S.: Notes of raised coral reefs in islands of Riukiu curve, XIX. 123 †, 228 §
- Young, A.: Map of Perak, XX. 678 †
- , Sir A.; remarks on "How can North Polar region be crossed?" I. 25
 - , C. H.: Peloponnesian Journeys, XVI. 244 †
 - , E.: Kingdom of the Yellow Robe, XII. 208 †
 - , E. D.; obituary, VIII. 644
 - , E. R.: Stories from Indian wigwams and Northern camp-fires, III. 162 †
 - , Sir F.: Commercial union of the Empire, VIII. 533 †; remarks on Annual Address, XII. 88
 - , J. W.: Bydrage tot de geschiedenis van Borneos Westerafdeeling, VIII. 91 †
 - , R.: African wastes reclaimed, XIX. 771 †
- Younghusband, Sir F.: Among the Celestials, XIII. 89 †; Chitral and States of

YOUNGHUSBAND

- Hindu Kush, V. 605 †; Chitral, Hunza, and Hindu Kush, V. 409 *; European expansion in Asia, XIX. 651 †; Future of Manchuria, XI. 567 †; India and Africa, VIII. 310 †; Invasion of India by Russia, II. 89 †; Narrative of travels in Manchuria . . . Pamirs and Chitral, VII. 562 †; Note on the late G. C. Davison, II. 549; Observations on Chitral, II. 458; on Kashmir frontier, V. 507 †; remarks on "Geography of N.W. frontier of India," XVII. 477; on "Pamirs and Source of the Oxus," VIII. 262; S. Africa of to-day, XII. 211 †, 300 §; Travel in Asia, VIII. 376 §
- Younghusband, G. J.: Philippines and round about, XIV. 116 †
- , G. J. and F. E.: Relief of Chitral, VII. 212 †
- Yquitos: D. B. Adamson, XII. 328 †
- Ysabel, cruises on coasts of Ger. New Guinea, III. 519
- Ysel Lake, Zuiderzee, I. 235
- Yuan river, XIV. 642
- Yucatan—
- Ancient structures of, not communal dwellings, etc.: E. H. Thompson, III. 162 †
- Au Yucatan: D. de Saumery, XI. 570 †
- Biologia Centrali-Americana, Archaeology: A. P. Maudslay, XVI. 372 †
- Costa Oriental de: R. Menéndez, X. 651 †
- Flora: C. F. Millsaugh, VII. 444 †; Coastal and plain flora: Id., X. 341 †
- Monuments of: W. H. Holmes, VIII. 191 †
- Neuere Forschungen in Chichen-Itza, X. 651 †
- Trade (F. O. Rep.), XIV. 120 †; XVIII. 234 †
- Unabhängigen Indianerstaaten von: K. Sapper, V. 608 †
- Yukatekische Forschungen: T. Maler, VII. 115 †
- Yuen Kiang, tributary of Yang-tse, XIX. 717
- Yuen-liang-ho, Shantung, XIV. 206
- Yugor Strait, II. 348
- Yukon**—Discovery and literature, X. 631; Drainage area, XII. 30; Ice and snow-fall, XII. 38, 40; Meteorological record, XII. 39; Origin of name, XII. 31; Surveys, XV. 422; Timber resources, XII. 36; Width, II. 335
- Basin of Yukon river: J. B. Tyrrell, XVI. 370 †
- Boundary, XVIII. 312; Boundary and other surveys, Report: W. Ogilvie, XI. 316 †
- Geography and Resources of: W. Ogilvie, XII. 21 *
- Geology of district: J. E. Spurr and H. Goodrich, XIV. 339 †
- Goldfields, XII. 30; Future of: W. H. Dall, XII. 213 †; gold-bearing forma-

YUNNAN

Yukon—continued.

- tion, IX. 667; Golddistrikt am Yukonflusse: R. Bach, XI. 316 †
- Ice-cliffs on White river: M. W. Gorman, XVI. 125 †; Do.: C. W. Hayes and A. H. Brooks, XVI. 371 †
- Information respecting Yukon district: W. Ogilvie, XI. 200 †
- Journey up Yukon river: I. C. Russell, VI. 489 †
- Maps—Canadian Government Surveys, XII. 109 †, 333 †; Map of Canadian Pacific railway and connections, showing routes to goldfields, XI. 672 †; Canadian Yukon and Northern Territory of Br. Columbia, XI. 327 †; Parts of Yukon Territory and Mackenzie district, XV. 450 †; Stanford's map of goldfields, X. 660
- N.W. passes to: E. R. Seidmore, XII. 213 †
- Notes on Yukon country: A. Begg, X. 106 †
- Notes on occurrence of mammoth remains in: E. M. Dawson, III. 440 †
- Ogilvie, W.: journey in, XII. 5
- Photographs of Yukon and Klondyke rivers: M. Marsden, XX. 136
- Yukon district: W. Ogilvie, XII. 435 †
- Yulous, valleys, C. Asia, IV. 173
- plateau, VIII. 162
- Yule, Sir H.: work for Hakluyt Society, IX. 174
- Yung, E.: Des variations quantitatives du plankton de lac Léman, XX. 351 †
- Yung-geh, China, XVI. 534; XIX. 262
- Yunnan**—
- A travers le Yun-nan et du Yun-nan au Tonkin: Vicomte de Vaulserre, XVII. 548 †
- A travers le Thibet et la Mongolie: C. E. Bonin, IX. 574 †
- Budget of: Henry, XII. 95 †
- Charbon au Yunnan: A. Leclère, XVII. 208 †
- Du Tonkin aux Indes par le Yunnan: Prince H. d'Orléans, VIII. 91 †
- Du Yunnan à l'Assam: Prince H. d'Orléans, VIII. 91 †
- Exploration au Yun-nan de M. A. Leclère, XVII. 673 †
- Journey in: L. Pichon, I. 375 †
- Lettre sur le: E. Roux, VII. 229 †
- Maps—Yun-nan, Frontières nord-ouest de l'Indo-Chine (Bureau Top. des Troupes de l'Indo Chine), XIX. 115 †
- Province chinoise de Yunnan: G. Rouvier, VIII. 415 †; X. 549 †
- Railways, XVII. 657; Chemin de fer de Lao-Kay à Yun-Nan-Sen: L. Schmidt, XIX. 396 †; Do. de Haiphong à Yunnan-Sen, XVIII. 455 †; Do. du Yunnan: R. C., XVIII. 548; Chemin de fer français au Yunnan: C. Madrolle, XIV. 457 †

YUNNAN

Yunnan—*continued*.

- Ressources minières du: A. Leclère, XVIII. 324 †
 Richesse et avenir du Yunnan: A. Salaignac, VIII. 415 †
 Voies d'accès au Yunnan et le commerce avec ce pays: G. Angoulvant, XV. 548 †
 Yunnan, XVII. 548 †
 — and Indo-China, aboriginal races, XV. 488
 — to Br. India: Prince Henry of Orleans, VII. 300 *
 Yunning-tu-fu, VIII. 515
 Yurimaguas, population, X. 447
 Yurst (Kirghiz), VIII. 41; XII. 286
 Yuruan river and station, Br. Guiana, V. 341
 Yurung-kash, river: *see* Khotan
 Yusuf Starif; Murchison grant to, VIII. 88
 Yver, G.: L'émigration italienne, X. 555 †

Z.

- Zab river, Kurdistan, XVIII. 130
 Zabbara, Jebel, I. 424
 Zaberma, Le pays, XVII. 554 †
 Zabolotuyi, M.: Phosphorescence in Odessa limans, II. 166
 Zaborowski, M.: Assimilation des indigènes de l'Algérie, XI. 197 †; Les Finnois, XVIII. 241 †; Origines africaines de la civilisation de l'ancienne Egypte, XIII. 561 †; Origines des populations . . . de la Russie méridionale et du Caucase, XIX. 228 †
 Zachariæ, G.: Bemærkninger om Gradmaaling, etc., IV. 184 †; Kaartprojektioner, IX. 111 †; Præcisions-nivellémentet over Oresund, XVI. 129 †; Relative Pendulmaalinger i København, X. 450 †
 Zacharias, O.: Lakes of Riesengebirge. VI. 565; X. 323; Ozeanographischen Aufgaben der deutschen Tiefsee-Expedition, XIII. 98 †
 Zache, E.: Bildungsgeschichte der Erde, etc., X. 461 †; Tektonische Thäler und Erosionsthäler in der Mark, XII. 427 †
 Zaffank, J.: Die Seychellen, XVII. 212 †
 Zahler, H.: Die Krankheit im Volks-glauben des Simmenthals, XIV. 578 †
 Zaila: *see* Zeila
 Zainderud, head-waters of, IV. 489
 Zakataly district, Trans-Caucasia; statistical information, XII. 205 †
 Zakka tribe, Tirah, XII. 346
 Zakwala (Saquela) Mt., Abyssinia, XV. 266; XVI. 295; XVIII. 265
 Zambezi river, II. 404; IX. 121; XVII. 108, 110; delineation of, V. 48; navigation, XX. 542; railway to, VIII.

ZANZIBAR

Zambezi—*continued*.

- 498; steamers on, VI. 475; Zambesi-Nyasa route to interior, II. 247
 Basin of, and Nyasaland: D. J. Rankin, II. 564 †; Chinde entrance to: Id., I. 377 †
 Congo - Zambezi water - parting: C. Lemaire, XIX. 173 *
 Expeditions—A. St. H. Gibbons', XI. 668; XIV. 93; XV. 64, 282, 644; C. Harding's, to source, XVI. 349
 Explorations in Loangwa - Zambezi Basin: D. J. Rankin, I. 85 †
 Karte des Landes zwischen Zambesi und Limpopo: H. P. N. Muller, VIII. 314 †
 Land und Leute zwischen Zambesi und Limpopo: H. P. N. Muller, VIII. 311 †
 Mission du Bas-Zambèze de 1890 à 1895: R. Merleau, IX. 239 †
 Nile and Zambezi as waterways: A. St. H. Gibbons, XVIII. 232 †
 Photographs of Victoria Falls and: W. E. Fry, I. 384
 Sur le Haut-Zambèze: F. Coillard, XI. 315 †; XII. 301 §
 Travels in Basin of: E. Foa, III. 532 †, X. 212
 Twenty years in Zambezia: F. C. Selous, I. 289 *
 Voyage sur les bords du Zambèze, d'après E. Foa, X. 229 †
 Zambèze et le Shire: M. Levêque, XVI. 369 †
 Zambrana, F.: Exploración del Yavary, XX. 127 †
 Zamora river, Amazons, XVII. 370
 Zamucos, tribe—I Ciamacoco: G. Boggiani, IV. 579 †
 Zande tribe: *see* Niam Niam
 Zangwe river; W. G. Anderson's explorations of mouth, V. 596
 Zannoni, G.: Colonia Italiana in Vienna, XII. 91 †
 —, J. R.: L. Drapeyron, XI. 324 †
 Zanotti-Bianco, O.: Misura di arco di meridiano, etc., X. 459 †
 Zante, Eruption der Pechquellen von Keri in Zante: K. Mitzopulos, VIII. 395 §, 412 †; Great Earthquake in, 1893: K. Mitzopulos, II. 277 †
 Zanue hills, Nigeria, XIV. 180
 Zanzibar—
 Abschaffung der Sklaverei auf, X. 340 †
 Agricultural Department, Annual report, XVIII. 108 †; XX. 559 †
 Baumann's Expedition to, V. 597; Funf Briefe von O. Baumann, etc., VIII. 418 †; Insel Sansibar: O. Baumann, X. 664 §, 681 †
 Cable interruptions, Zanzibar-Mombasa, X. 274
 "Jigger" at, XII. 414
 Obstreichthum der Insel: G. Neuhaus, XVI. 487 †

[ZANZIBAR

Zanzibar—continued.

- Photographs of: Sir J. Kirk, I. 192
 Present conditions and prospects of:
 W. W. A. Fitzgerald, I. 459 §
 Road-making in, V. 80
 Slavery — Banani, Transition from
 slavery to freedom in Zanzibar and
 Pemba: H. S. Newman, XII. 541 †;
 Correspondence respecting abolition
 . . . of, XII. 541 †; Case of our
 Zanzibar slaves: H. Waller, VII.
 443 †
 Trade reports, VI. 474 §; X. 440 §;
 † XV. 440; XVI. 699; XIX. 108
 Zaparo Indians of Rio Napo, III. 478
 Zapotec Indians, Mexico, VI. 431
 Zaraf, Bahr-el, Nile, XVIII. 399
 Zarafshan river, XVI. 519; Valley of:
 P. Gault, II. 473 †
 Zaramiar mt., E. Africa, II. 513
 Zarco, J.: Cuestión de límites entre
 Bolivia y el Perú, XI. 318 †
 Zard-kuh, mt., IV. 485, 492
 Zarmelan plain, IX. 397
 Zarudnyi, N.: Voyage en Perse orientale,
 XIX. 752 §, 769 †
 Zatri, Jebel al, VII. 532
 Zaytoun, F. S.: Cape Juby, IX. 577 †;
 observations on Sahara, X. 96
 Zeeh, Graf: Astronomische Ortsbestim-
 mungen . . . von Togo, XI. 198 †;
 Resultate der meteorologischen Beob-
 achtungen, etc., XI. 198 †; Ueber
 Kola in Westafrika, XVIII. 90 §, 111 †;
 Vermischte Notizen über Togo, XII.
 325 †
 Zeeland, Aanwinst en verlies van gronden
 in: A. A. Beekman, XI. 449 †; Was-
 serwesens der . . . Provinz Zeeland: R.
 Hansen, XVII. 545 †
 Zehden, K.: biography, IX. 584 †; obituary
 XVIII. 223
 Zeidun, Wadi, Egypt, I. 409
 Zeila, port of, XV. 97; trade rep., VI.
 474 §
 Zeitströmungen in der Geographie: E.
 Wisotzki, X. 346 †
 Zeki Bey, Ahmed: Description arabe du
 Fayoum, XV. 550 †
 Zelénou et Sissoén: Répartition de la
 population arménienne, etc., XI. 194 †
 Zelle, L. J.: Zinnbergwerken der Insel
 Banka, III. 251 †
 Zeller, R.: Algerischen Atlasgebirge,
 XVI. 579 †; Ausflug zu den Natronseen,
 XIII. 92 †
 Zeller-Horner, H.: biography: E. Walder,
 XVI. 133 †
 Zeller-See in Pinzgau: W. Schjerning,
 III. 343 †; 512 §
 Zemio, position, XVII. 74
 Zemjatschensky, P.: Geologie und Bod-
 denverhältnisse im Kreise Borowitschi,
 XVI. 573 †
 Zemlevyedyenie, Russian periodical, VI.
 556

ZIMBABWE

- Zemmrich, J.: Deutsche und Romanen
 in Tirol, IV. 184 †; Deutsches Sprach-
 gebiet in Süd- und Ostböhmen, XIX.
 391 †; Deutsches und französisches
 Volkstum in der Schweiz, XIII. 676 †;
 Deutsches und tschechisches Sprach-
 gebiet, XII. 91 †; Sprachgrenze in
 Nordwestböhmen, XVII. 83 †; Do.,
 Westböhmen, XV. 432 †, 545 †; XVI.
 553 §; Verbreitung . . . der Deutschen
 in der französischen Schweiz, V. 180 †
 Zemu glacier, Kangehungja, XIX. 457
 Zenda-Rud river, Persia, VII. 168
 Zenke: visit to coal district of lake
 Nyasa, XIII. 73
 Zenker, G.: Yaunde, V. 606 †
 ———, W.: on climate, X. 304; Gesetz-
 mässige Verteilung der Lufttempera-
 turen über dem Meere, I. 379 †; Jahres-
 temperaturen des Luft über den Oceanen,
 etc., I. 478 †; on radiation, I. 542;
 Thermische Aufbau der Klimate . . .
 des Erdinneren, IX. 582 †; Winterwinde
 des nordatlantischen Oceans und die
 Afrikanischen Antimonsune, XI. 688 †
 Zeno, Brothers, Annals of voyages of:
 F. W. Lucas, XIII. 99 †; (review: C. R.
 Beazley), XIII. 166 §
 Zeppelin, E. Graf: Neue Bodensee-Karte,
 etc., III. 435 †
 ———, M. Graf von: Streifzüge durch
 Nordamerika, IX. 108 †
 Zerafshan glacier, XII. 185
 Zerka river, Palestine, V. 8
 Zermatt, Valley of, and Matterhorn: E.
 Whymper, † X. 548; XII. 322; XIV.
 677; XVI. 121; XVIII. 323; XX.
 238
 Zeta river, Montenegro, III. 509; IV. 386
 Zetetic Cosmogony, XI. 461 †
 Zhdanko: hydrographic researches in
 Arctic Ocean, VII. 555
 Zhob Field Force, With the: C. McFall,
 VI. 294 †
 Zhukoff, N.: on glaciers of Caucasus, V.
 378
 Zichy, Graf: Aus Urga in der Mongolei,
 XIII. 320 †; Dritte Asiatische For-
 schungsreise des, XIX. 652 †; expedition
 to C. Asia and Siberia, XI. 666; XIII.
 66; Meine Reise in Kaukasus, XIII.
 321 †
 Zichy Land, Franz Joseph Land, VI. 517
 Ziegler, C. von: Le perspecteur, appareil
 inventé par, XV. 302 †
 Zietsman, Hon. L.: Native question in
 S. Africa, XIX. 108 †
 Zikki, Oman, XVIII. 490
 Zimarra, Euphrates, VIII. 335; ruins
 near, VIII. 455
 Zimbabwe—Ancient ruins at, III. 497;
 XIII. 381; XIX. 496; R. N. Hall's dis-
 coveries, XX. 539; narrative of further
 excavations at: Sir J. C. Willoughby,
 II. 474 †; Historical evidence: H. G.
 Schlichter, I. 146, 183 †, 371; II. 44*;

ZIMMERER

- Letters from R. M. W. Swan on, I. 275, 465; Preservation of, I. 270; F. C. Selous' theory, I. 310; Sir J. C. W. Loughby's Visit to, II. 440.
- Zimmerer, H.: Armenian; Eine Kulturhistorische Studie, XIX. 768 †; Deutsch Forschung in Kleinasien, XI. 566 †; Flüssen des Deutschen Landes, etc., VIII. 647 †; on German exploration in Asia Mi., IX. 649; Hans Sachs und sein Gedicht, VIII. 110 †; Journey through Syria to Asia Mi., IX. 322; Photocoll-Sammel-Atlas, XIV. 236 †; Projektionsbilder als Anschauungsmittel für Schuler, XIX. 241 †
- Zimmermann, A.: Der Ausgang des spanischen Kolonialreichs, XII. 642 †; Kolonialpolitik Frankreichs, XVIII. 649 †; Kolonialpolitik Grossbritanniens, XI. 460 †; XIV. 124 †; Kolonialpolitik Portugals und Spaniens, XII. 105 †; Trade of German Protectorates, XIX. 656 †; Staubecken des Nil bei Assuan, XII. 325 †; *see* Riebow
- , F. W. R.: Die Entwicklung von British-Indien, IX. 236 †
- , M.: La forêt à Madagascar, XIII. 563 †; Lyon et la colonisation française, XVI. 484 †; Pénétration de la Chine méridionale, XVII. 548 †, 673 †; Problème Colonial, XIX. 783 †; Régime glaciaire au Groenland, XIII. 219 †; Résultats de l'expédition antarctique belge, XIX. 531 †; Do. des Missions Blondiaux et Eyssérie, XIV. 337; Sort de l'Expédition Andrée, XVI. 586 †; Voyage de Nansen, etc., X. 232 †
- , R.: Wie wird sich die Bevölkerung der Vereinigten Staaten . . . vermehren? XVII. 557 †
- Zimmur tribe, Morocco, IX. 639
- Zinder, Fr. W. Africa, XVII. 142; Péroz's journey to, XIX. 218
- Zingar, tribe, N. Greece, III. 326
- Zinjini river, Abyssinia, XVIII. 50
- Zintgraff, E.; obituary, XI. 186
- Zipangu of Marco Polo, Identification of, IV. 270, 276
- Zittel, K. A.: History of geology, etc., XIX. 406 †
- Ziwolka; Exploration of Kara Sea, XI. 360
- Ziwolka fiord, XI. 362
- Zoa, E. Africa, II. 418
- Zobrist: Les Suisses en dehors de la Suisse, X. 453 †
- Zograf, N.: Acclimatation en Russie, XI. 566; Types anthropologiques des Grands Russes, II. 88 †
- Zoji La, pass, Himalayas, III. 190
- Zomba district, E. Africa, II. 419; V. 194; route from Mpimbi, II. 420
- Hill, Mashonaland, I. 307
- Zombo Land, W. Africa, XIX. 551, 553, 557
- Zondervan, H.: Allgemeine Kartenkunde,

ZULULAND

- XVII. 562 †; Dwars door Sumatra, IX. 237 †; Eilanden Bangka en Blitong, XVII. 89 †; Entwicklung der Kartographie von Niederländisch-Ostindien, VIII. 529 †; Hallier's botanische Reisen in W. Borneo, V. 180 †; Insel Lombok, IV. 580 †; Proeve eener Algemeene Kartografie, XIII. 459 †; Timbocktoe, III. 161 †
- Zonguldak, Kohlenhafen von: W. Schmaltz, XI. 194 †
- Zoogeography (*see also* Biogeography; Biology; Distribution; Mammals)—
- Abgrenzung zoogeographischen Reiche: E. von Martens, XIX. 781 †
- Bipolarität in der Verbreitung der Meeresorganismen, XVIII. 647
- Correct colour code or sortation code in colours: J. A. Harvie-Brown, XVIII. 342 †
- Distribution géographique . . . aux eaux douces de quelques formes marines: Vaney et Conte, XIX. 781 †
- Geographische Fragen aus der Säugetierkunde: P. Matschie, VIII. 425 †
- On separation, and its bearing on geology, and Zoogeography: A. E. Ortmann, VIII. 425 †
- Text-book of: F. E. Beddard, VI. 199 †
- Zoo-geographical areas of the world, illustrating distribution of birds: R. B. Sharpe on the, II. 372
- regions; A. Jacobi on, XVII. 537
- Zweck und Methode: E. Hartert, XIX. 242 †
- Zoological Gardens, List of vertebrate animals in, IX. 349 †
- Zoopraxography, Descriptive: E. Muylbridge, V. 405 †
- Zöppritz, K.: Leitfaden der Kartenentwurfslere, XIV. 122 †
- Zoroastrian Cities, ruins in Persia, VII. 34, 39
- Zoutpansberg—Goldfields in S. African Republic: F. Jeppe, II. 213 †; Mineral wealth of: D. S. Stewart, XV. 666 †
- Zschokke, A.: Zur Geschichte der Bergsteigens, X. 557 †
- , F.: on fauna of mountain lakes, XX. 545
- Zuai, lake, Abyssinia, II. 524; XVI. 296; XX. 381
- Zuallardo's travels: C. R. Conder, XIX. 654 †, 753 §
- Zubiaur, J. B. and J. H. G. Spilsbury: La educación industrial, XV. 448 †
- Zuyderzee, Le: A. Vermersch, XIV. 675 †; Drainage of: R. Hansen, I. 180 †; Drainage of: J. H. Gore, XX. 239 †; Reclamation of, XIX. 83; P. H. Schoute on, I. 234 *
- Zuba, ancient Adulis, II. 140
- Zukwala: *see* Zakwala
- Zululand—
- Geological report from, XX. 632

* Paper or long art., q.v. for general information.

ZULULAND

Zululand—*continued*.

- Grammar of Zulu language: L. Grout, III. 162 †
 Map showing positions of Gold and Coal Fields, etc.: J. Garrard, VII. 121 †
 Middlebrooks Photographieen aus dem Leben der Zulukaiffen, XIV. 118 †
 Migration of tribes, VI. 469
 Mining Industry, Report: J. J. Garrard, XI. 96 †; XIII. 93 †
 Zulu of Nyasaland; D. Fraser, XIX. 526 †
 Zum ewigen Eise: G. Wegener, X. 459 †
 Zumbo and Kafue districts, Journey to: P. H. Selby, XIX. 605 *
 Zumoffen, R. P.: Météorologie de la Palestine et de la Syrie, XV. 296 †
 Zúñiga, B.: La Mar, XI. 100 †
 Zurbriggen, M.: From Alps to Andes, XV. 200 †
 Zürcher, P.: Le relief du sol . . . des Basses-Alpes, XII. 425 †
 Zürich—
 Origin of lake, VII. 655
 Surface changes since the middle of the seventeenth century, E. Brückner on, VIII. 634
 Veränderungen der Erdoberfläche im Umkreis des Kantons Zürich: E.

ZYMA

Zürich—*continued*.

- Brückner, IX. 234 †; Do.: H. Walser, IX. 234 †
 Zürcherische Oberland: A. Bosshard, VIII. 414 †
 Zuwaya, lake: *see* Zuai
 Zvegintzov, A.: January in N. Korea, XVIII. 106 †
 Zvyerintseff, L. N.: Study of raised sea-beaches in N.W. Russia, IX. 567
 Zwaj, lake: *see* Zuai
 Zweck, A.: Bernsteingruben nördlich von Polangen, XVII. 546 †; Litauen, eine Landes- und Volkskunde, XIV. 222 †; Masuren, do., XVII. 207 †; Samland Pregel- und Frischingthal, XX. 666 †; Stadt Memel und ihre Wasserstrassen, IX. 336 †; Untere Weichel und ihre neue Mündung, VII. 327 †
 Zweifel: geographical work of, VIII. 212
 Zwemer, S. M.: Arabia: The cradle of Islam, XVI. 574 †; Three journeys in N. Oman, XIX. 54 *; Wahabis; their origin, etc., XIX. 651 †
 Zwiedineck-Südenhorst, H. von: Ostalpen in den Franzosenkriegen, XI. 307 †
 Zygos pass, N. Greece, III. 325
 Zyma, lake, Morocco, XVIII. 92

PRINTED BY
WILLIAM CLOWES AND SONS, LIMITED,
LONDON AND BECCLES.

G
7
G45
Index
v.1-20

The Geographical journal

PLEASE DO NOT REMOVE
CARDS OR SLIPS FROM THIS POCKET

UNIVERSITY OF TORONTO LIBRARY
